

EIGHTY FIFTH
ANNUAL REPORT

KENNETH A. GIBSON

MAYOR

NEWARK FIRE DEPARTMENT

JOHN P. CAUFIELD

DIRECTOR

1970

NEWARK, NEW JERSEY

T A B L E O F C O N T E N T S

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Fire Department

ANNUAL REPORT for the year 1970

Hon. Kenneth A. Gibson
Mayor
City Hall
Newark, New Jersey

Dear Sir:

The Annual Report of the Newark Fire Department for the year ending December 31, 1970 is herewith respectfully submitted.

The various activities and operations are detailed in the Division reports appended hereto.

During the year 1970, the Newark Fire Department was severely tested by a record number of 8,110 fires. The Members of the Newark Fire Department quickly and efficiently responded to this crisis, and only because of their courage and efficiency was the situation brought under control.

During 1970, 450 firemen were injured in the line of duty.

The primary function of the Fire Department continues to be the protection of life and property from the ravages of fire. We are determined that this lifesaving operation must be carried out with a maximum regard for the safety of the members of the Newark Fire Department.

A number of assaults on firemen occurred during the year 1970. These assaults, plus recent harassment and interference on the college campus have highlighted the need for better police protection at the scene of fires. In the future, we will continue to rely on law-enforcement agencies and the military for protection of fire personnel and apparatus. It is not possible for firemen to simultaneously combat fires and fight off mob attacks.

The Fire Department does have a legal and moral obligation to save lives and protect property from the ravages of fire. Every effort consistent with the safety of our men will be made to meet that obligation.

Following is a comparison of the fire losses for the past five years:

Total fire loss in 1966 -	\$4,718,542.37
1967 -	\$6,319,800.65
1968 -	\$5,930,366.97
1969 -	\$5,288,710.28
1970 -	\$3,474,060.16.

Per Capita loss totaled \$8.57 for 1970, as against \$13.05 for 1969; \$14.64 for 1968; \$15.59 for 1967; \$14.64 for 1968.

The number of lives lost as a result of fire in 1970 was 34, an increase of 12 over 1969.

37 lives lost in 1966
25 lives lost in 1967
28 lives lost in 1968
24 lives lost in 1969.

Fire Department

Director's Report (Continued)

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Total alarms in 1970 were 19,603; of these, 4,203 were false alarms.

The primary function of the Fire Department, the protection of life and property from fire, was performed in an exemplary and efficient manner. This accomplishment was due in large measure to the courage, dedication and efficiency displayed by the officers and members of the Department.

The overall Fire Insurance rating of Newark as determined by the American Insurance Association (formerly the National Board of Fire Underwriters) was second to none in the nation. Only 15 other communities throughout the country had as high an overall fire rating as that enjoyed by Newark.

Among the various activities of the Fire Department during the year 1970, I respectfully wish to call attention to the following:

A comprehensive Community Relations Plan with emphasis on human relations and recruitment was developed under the guidance of Deputy Chief Lawrence Caufield, Battalion Chief Robert Marron and Captain Emilio Pinal, with special emphasis on fire prevention, recruitment and community relations.

Our systematic apparatus and equipment replacement program were continued through the year. These programs will only be effective if combined with an effective preventive maintenance program which is sadly lacking at this time.

The apparatus and equipment replacement program continued with the delivery and acceptance of the following in 1970:

4 Station Wagons (2 for the Fire Fighting Division and
2 for the Fire Alarm & Radio Division).

On order:

1 Four Door Sedan for the Training Academy.

Under the Capital Improvement Program:

On Order to be delivered:

1 Snorkel
1 100' Aerial Truck
3 1,000 gallon Pumping Engines
1 Hi-pressure Pumping Engine.

The purchase of the above equipment, in conjunction with a proper preventive maintenance program, in addition to the regular purchase of small appliances and tools, will place the Fire Department in a very favorable position as regards modern apparatus, tools and appliances.

The training program of the Department continued throughout the year with emphasis on the following:

1. The driver training program continued for the 11th consecutive year.

Fire Department

Director's Report (Continued)

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2. Mask drills were conducted by the various battalion chiefs.
3. Deputy Chief Crowley continued the Training Course for all new Fire Department members at the Training Academy.
4. Daily drills were conducted in company quarters, in company districts and at the City Dock under the direction of Deputy and Battalion Chiefs.
5. The In-Service Inspection program continued throughout the year with special emphasis on inspections of commercial, industrial and institutional buildings.

Supervisors of Apparatus Daniel Tauriello and Peter J. Carolan have continued the service-testing program and have also conducted Pump Classes at the Special Service Company.

Fire Prevention Activities under Deputy Chief Fred Crowley, Battalion Chief Stanley Kossup and Physical Instructor William Wallace were conducted on a year-round basis. Some of the activities were -- an outdoor exhibit, films, Speakers Bureau, and distribution of hundreds of thousands of pieces of literature on Fire Prevention.

All of the above were displayed before various civic, fraternal, religious, etc. groups, and all are available to all groups requesting same.

A special kerosene heater float was on display throughout the city for several weeks, and fire prevention posters were displayed in store windows.

The Officers and Members of the Department performed excellent service during the past year, and it was my pleasure to commend many of them officially for outstanding rescues and acts of heroism. All fires occurring during 1970 were satisfactorily controlled and extinguished. Newark has good reason to be proud of its Fire Department.

RECOMMENDATIONS

1. A fire training area must be established to provide adequate training. A modern training facility is vitally needed if the City is to retain its top rate overall fire insurance rating.
2. The continual purchase of new apparatus and up-to-date equipment must be carried on to maintain the Department at peak efficiency. Implementation of an effective maintenance program must be undertaken if we are to properly fulfill our mission of fire protection.
3. The plan of fire station replacement must be continued. Many fire stations are very old - as much as 96 years old.
4. Our Educational Program must be continued. During 1970, many members took a course in Fire Protection Technology given at the Newark College of Engineering; several attended a course in the Principles of Fire Administration at Rutgers University; a number attended a course in Fire Prevention Inspection and Fire Technology at Jersey City State College, and courses in Labor Relations, Community Relations, and Safety Training were attended at the Department of Civil Service and at Rutgers University.

Many other recommendations could be made; however, I have restricted myself to the above because I consider them to be so vitally important to the efficient operation of the Fire Department in the immediate future.

Fire Department

Director's Report (Continued)

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On behalf of the Fire Department, I extend to you a sincere vote of appreciation for your interest in our problems and for your wholehearted cooperation.

The Fire Department also expresses its thanks to the members of the Municipal Council of the City of Newark, who showed a sincere interest in the problems of our Department and cooperated by their favorable response. We also express our thanks to the Hon. Cornelius Bodine, Jr., Business Administrator, the Hon. Elton E. Hill, Assistant Business Administrator, the Hon. William Walls, Corporation Counsel, and to the Directors of all departments for their splendid cooperation.

The Fire Chief, all Officers and Men of the Department, and the Administrative Staff are to be commended for their efficient and dedicated services and attention to duty during the year.

The Civil Defense Auxiliary Firemen and the Bell and Siren Club rendered valuable and outstanding service and are to be commended for their devotion and civic-mindedness. To them I express the sincere thanks of every member of the Fire Department.

To the Chaplains and the Department Surgeons, for their outstanding contributions in administering to the needs of the men, we owe a debt of gratitude.

Respectfully yours,

JOHN P. CAUFIELD, DIRECTOR,
Fire Department.

Fire Department

ANNUAL REPORT
JOSEPH M. REDDEN, FIRE CHIEF

Hon. John P. Caufield, Director
Fire Department
Newark, New Jersey

Dear Sir:

Forwarded herewith is the Annual Report of the Newark Fire Department for 1970. The reports of the various bureaus listed herein attest to the ever increasing workload and a continuing effort put forth by the Department.

My recommendations relate to the three areas which must be improved if we are to continue to be considered an efficient organization. They are as follows:

1. Manpower -- The Table of Organization should be filled to provide adequate assigned strength in all fire companies. This is not the case at present.
2. Apparatus -- The apparatus replacement program, which has been adequate, to continue. This replacement program, which could be considered more than sufficient, will not fill the bill unless the maintenance program is improved.
3. Physical Plant -- We are in desperate need of new buildings. Many of our buildings are in urgent need of repair, which is handled on a piecemeal basis or not at all. Long term economics call for the erection of new buildings and the centralization of fire companies therein.

I again request that land be purchased and a training facility erected so that an efficient and ongoing training program can be conducted throughout the Department.

I wish to express to the officers and Members of the Department my sincere appreciation for their efforts, often under extremely hazardous conditions, and for their wholehearted cooperation throughout the year.

I also wish to extend my thanks to the Mayor, the Members of his Administration, the City Council, members of the press and other news media, and the Members of the Bell and Siren Club for their courtesy and for the assistance to the Fire Department which they rendered during the year.

Respectfully submitted,

/s/ JOSEPH M. REDDEN,

FIRE CHIEF.

Fire Department

FINANCIAL STATEMENT

Budget Appropriation for the year 1970

Salaries -----	\$ 12,527,794.00
Other Expenses -----	459,332.00
	\$ 12,987,126.00

Disbursements: 1970

Salaries:

1	Director-----	19,481.53
1	Administrative Officer-----	12,370.45
1	Assistant Chief Clerk-----	9,994.08
1	Administrative Secretary, Fire-----	10,191.10
1	Fire Chief, U.F.D.-----	19,232.79
20	Deputy Chief-----	332,138.46
1	Chief of Fire Signal System Operations-----	16,103.60
34	Battalion Chief-----	475,833.92
1	Assistant Chief of Fire Signal System Operations-----	13,951.90
2	Supervisor of Apparatus-----	30,545.00
187	Captain-----	2,435,434.71
811	Fireman-----	8,302,400.35
5	Salvage man-----	54,100.40
1	Chief Inspector-----	15,345.52
1	Assistant Chief Inspector-----	13,571.14
1	Fire Surgeon-----	12,122.50
1	Assistant Fire Surgeon-----	10,737.61
2	Chaplains-----	10,966.62
1	Supervisor of Accounts, Fire-----	8,450.43
1	Physical Education Instructor-----	5,366.89
1	Chief of Fire Signal System Maintenance & Constr.-----	16,103.60
1	Asst. Chief Fire Sig. Sys. Maint.&Construction-----	13,951.90
5	Chief Fire Alarm Operator-----	58,892.15
15	Fire Alarm Operator-----	159,933.41
1	Fire Alarm System Mechanic-----	10,470.37
2	Foreman Fire Alarm Telegraph-----	23,014.52
13	Lineman-----	130,059.49
1	Public Relations Officer-----	11,549.64
1	Supervising Principal Clerk Stenographer-----	6,935.39
1	Principal Clerk Stenographer-----	6,633.01
1	Senior Clerk Stenographer-----	5,833.68
2	Principal Account Clerk-----	15,040.40
1	Account Clerk-----	4,688.28
1	Clerk Typist-----	4,338.41
2	Lineman Helper-----	6,672.24
Total Salaries		\$ 12,282,455.49

Financial Statement (2)

Other than Salaries:

Travel Allowance -----	15,120.00
Repairs to Office & Fire Fighting Equip -----	3,392.68
Insurance-----	3,959.00
Subscriptions & Books -----	995.36
Badges-----	299.20
Chairs-----	400.00
Stationery-----	4,508.50
Printing-----	5,743.28
Miscellaneous Supplies-----	2,200.00
Clothing Allowance-----	158,465.27
Professional Service-----	46.80
Tests on Evidence-----	110.00
Photographic Supplies-----	1,098.00
Educational Films-----	361.00
Visual Aids-----	65.00
Conventions - Transportation, etc.-----	1,350.00
Electric & Gas-----	31,955.61
Fire Alarm Supplies-----	9,881.03
Fuel Oil-----	31,500.00
Cables and Reels-----	1,906.38
Boxes and Stanchions-----	960.00
Extinguishers Repairs-----	-0-
Demurrage Charges-----	259.50
Flags-----	290.16
Wet Water Penetrant-----	300.00
Sisal Rope-----	432.76
Light Bulbs-----	960.41
Electric Repair Supplies-----	643.51
Gas Mask Parts-----	2,963.31
Grease and Oils-----	311.15
Membership Dues-----	335.00
Brooms, Brushes, Shovels-----	1,000.00
Hose and Hydrant Wrenches-----	200.00
Sash Cord, Tools, etc.-----	195.21
Step Ladders-----	67.12
Ashcans, Pails, etc.-----	298.53
Paints and Paint Brushes-----	149.50
Soaps, Waxes, Rags, etc.-----	1,900.00
Drill Press-----	-0-
Toilet Tissue-----	500.00
Window Shades-----	342.00
Burgess Batteries-----	2,144.07
Dry Powder-----	274.34
Extinguisher Repair Parts-----	749.72
Paper Bags and Twine-----	86.91
C.O.2 Refills-----	1,600.00
Shower Curtains-----	47.82
Underground construction-----	400.00

Financial Statement (3)

Other than Salaries (Continued)

Sprinkler Heads-----	300.00
Tar Paper-----	300.00
Gauges-----	84.20
Extermination Service-----	233.71
Blanket Laundering & Washroom Supplies-----	86.92
Telephone Service-----	16,000.00
Radio Maintenance-----	32,397.47
Portable Radiophones-----	298.86
Fire Prevention Education-----	303.06
Oxygen Cylinders-----	119.29
Bedding and Linens-----	1,200.00
Buttons and Insignia-----	349.05
Hand Lights-----	398.20
Valves and Nozzles-----	3,986.32
Salvage Covers-----	1,500.00
Nuclear Testing Equipment-----	-0-
Fire Fighting Equipment-----	4,000.00
Axes and Hooks-----	193.05
Cannisters-----	12,530.00
First Aid Supplies-----	1,000.00
Bicarbonate and Sulphuric Acid-----	200.00
Fire Fighting Foam-----	2,500.00
Extinguishers-----	96.00
Gas Masks-----	2,700.00
Fire Hose-----	16,000.00
Ladders-----	2,000.00
Portable Resuscitator-----	392.26
Gas Stoves-----	240.00

\$ 411,107.72

Total

Miscellaneous Receipts 1970

Hotel Certificates-----	20.00
Redeposited Checks -----	219.50
Miscellaneous-----	50.00
Bureau of Combustibles-----	57,651.00
Accounts Current-----	174.00

Total

58,114.50

Miscellaneous

June - Photos supplied by Arson Squad to Freeman & Bass	\$25.00
Photos supplied by Arson Squad to	
Insurance Co. of North America	<u>25.00</u>
	\$50.00

FIRE DEPARTMENT - CITY OF NEWARK

Hon. Cornelius Bodine, Jr.
Business Administrator

Hon. Kenneth A. Gibson
Mayor

Hon. John P. Caufield
Fire Director

William T. Whalen, Administrative Officer
William McDonald, Asst. Chief Clerk

Edna L. Foran - Administrative Secretary

Joseph M. Redden, Fire Chief, U.F.D.
Joseph J. Drew, Deputy Chief

DEPUTY CHIEFS

First Deputy Division

James Donlon
Frederick Grehl
Charles JanTausch
Vincent J. Kelly

Second Deputy Division

John Dolak
Joseph McLaughlin
Thomas O'Boyle
Arthur Schmidt

Third Deputy Division

Harold B. Davis
Andrew J. Donahue
James Gaynor
Joseph L. Magnusson

ROVING

Thomas Leonard

BATTALION CHIEFS

First Batt. District

Albert J. Maresca
James W. McCormack
Frank Reheis
Carl Stoffers

Second Batt. District

Edward R. Dunn
Vincent Marinucci
Angelo Ricca
William Schick

Third Batt. District

Louis Iannuzzi
Edward Nolan
James V. Raymond, Jr.
Philip Smith

Fourth Batt. District

Fred Boehringer
William Carragher, Jr.
Joseph Doll
Matthew Farley

Fifth Batt. District

Vincent Greeley
John Griggs
Robert A. White
John Zieser

Roving

Matthew Farley
Robert King
Alexander McGrory
James O'Donnell

Back-up Chief - - - - - Albert Lopez
" " " - - - - - Vincent Brennan
Safety Officer - - - - - James Morgan
Special Units Coordinator - James Nolan
Water Officer - - - - - Edward Wall

F I R E D E P A R T M E N T

SUBDIVISIONS OF THE FIRE DEPARTMENT

Fire Alarm and Radio -----	James E. Caufield, Chief, Fire Signal
" " " " -----	System Operations
" " " " -----	Edward Przybylowicz, Chief, Fire Signal
" " " " -----	System Maintenance and Construction
Fire Prevention Division -----	David Kinnear, Deputy Chief
Arson Squad-----	Joseph L. Starrs, Batt. Chief
Combustibles-----	Elias J. Swerida, Chief Inspector
"	Philip Boyle, Asst. Chief Inspector
Special Service & Supply -----	Arthur D. Marsh, Deputy Chief
" " " " -----	Henry Schoettly, Deputy Chief
" " " " -----	Herbert L. Planck, Batt. Chief
Apparatus Division -----	Daniel Tauriello, Supv. of Apparatus
" " " " -----	Peter J. Carolan, Supv. of Apparatus
Training Academy-----	Fred Crowley, Deputy Chief
" " " " -----	Stanley Kossup, Battalion Chief
Community Relations Division-----	Lawrence Caufield, Deputy Chief
" " " " -----	Robert Marron, Batt. Chief
" " " " -----	Francis X. McCarthy - Public Relations
" " " " -----	Officer
Planning Division-----	James P. O'Beirne, Deputy Chief
" " " " -----	Joseph T. O'Brien, Captain
Civil Defense-----	Joseph Zoppi, Battalion Chief
Medical Division -----	Edwin L. Ciccone, M.D., Dept. Surgeon
" " " " -----	Carl Maffeo, M.D., Asst. Dept. Surgeon
Chaplains -----	Rt. Rev. Msgr. Philip T. McCabe - Catholic
" " " " -----	Reverend Clarence Bleakney, Protestant
" " " " -----	Rabbi Horace Zemel, Jewish

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F I R E D E P A R T M E N T

1970

APPOINTMENTS

<u>DATE</u>	<u>NAME</u>	<u>POSITION</u> :	<u>DATE</u>	<u>NAME</u>	<u>POSITION</u>
1/27	Donald MacPhee (Re-app)	Fireman	: 8/10	Raymond Dandridge	Phys.Ed.Inst.(T)
2/18	Joseph M. Redden (T)	Director	:		
4/20	Raymond N. Frost,3d	Fireman	: 10/5	Julius Banks	Fireman
4/20	Michael J. Lalor	"	: "	Dennis Brophy	"
5/4	George Pianka	"	: "	Robert Curry	"
5/18	Patrick Durkin	"	:	(Pending ret.from Mil.Service)	
5/18	Richard E. Lanigan	"	: "	Clifford H. Dainty	"
6/1	Robert C. Caufield,Jr.	"	: "	Michael T. Daly	"
"	Michael S. Martino	"	: "	Patrick B. Doherty	"
"	Edward J. Dunham	"	: "	Theodore M. Holod	"
"	Bernard C. Snyder	"	: "	Lowell F. Jones	"
"	James F. Lynch	"	: "	William R. Kingeter	"
"	James J. Shear	"	: "	Carl J. Kondroski	"
"	James D. Cogan	"	: "	Anthony Mauriello	"
"	Victor Russomanno	"	: "	Francis X. McCrone,Jr.	"
"	Thomas J. McDonnell	"	: "	Myles J. McDonald	"
"	Samuel J. Cauca	"	: "	William Melodick	"
"	John E. Danelson	"	: "	Patrick B. Oliveto	"
"	Joseph V. DeMasi	"	: "	Samuel Pappalardo	"
"	Stanley L. Ford	"	: "	Fred A.J.Paskas	"
"	John F. McGowan	"	: "	Peter A. Petrone	"
"	Stephen J. Jablonski	"	: "	John Piecuch, Jr.	"
"	Gerard Rotunda, Jr.	"	: "	John C. Salvato	"
"	Otis Reeves	"	: "	James M. Smith	"
"	Michael A. Cosentino	"	: "	Patrick J. Tansey	"
"	Thomas F. Joyce	"	: "	Anthony Ventolo	"
"	Philip C. Callahan	"	: "	Willie J. Webb	"
"	Anthony A. Miedler	"	: 10/6	John P. Caufield,Jr.	Lineman(T)
"	Joseph A. Perez	"	: 11/2	Frank M. Milat	Fireman
"	Kenneth C. Marcel	"	: 11/16	Alberico Alfano	"
"	Charles A. Mauriello	"	: "	Joseph Alfano	"
	(Pending return from Military	"	: "	George A. Daudelin	"
	Service (8/3/70)	"	: "	Douglas J. Giese	"
6/15	Eli A. Savarese	"	: "	Joseph Lardiere	"
6/29	Harold D. Peare	Fire Alarm Oper.	: "	Robert C. Lehman	"
7/1	John P. Caufield	Director	: "	Leo T. Mongiovi	"
7/20	Lenzy Petford	Fireman	: "	James C. Sheppard	"
7/20	Jaime Sanchez	"	: "	James W. Stewart	"
7/20	Vincent J. Lally (T)	LinemanHelper:	"	Paul J. Adams	"
7/27	Eric B. Moore (T)	LinemanHelper:	11/16	Armand Rosamilia	Lineman(P)
			: 11/16	William A. Wallace	Phys.Ed.Instr(T)
			:		
			:		
			:		
			:		
			:		
			:		

FIRE DEPARTMENT

RETIREMENTS

- 1970 -

DEATHS

2/1	William C. Thigpen	Fireman	:	1/13	Fireman Gordon J. Henry
4/21	Helen M. Doherty	Prin.Acct.Clk:	:	3/31	Fireman William Palmer
5/15	Harry E. Taylor	Fireman	:	4/27	Lineman Joseph Williams
7/31	Albert E. Lawson	Captain	:	5/19	Fireman Wilbur Mangold
8/1	John P. Shanahan	Captain	:	6/4	Fire Alarm Operator Jacob Schadt
8/4	Louis Zelder	Fireman	:		(Acting Chief Operator)
9/1	Charles E. Churchill	Foreman-	:	6/4	Captain James J. Gorman
		Fire Al.Tele:	:	7/15	Fireman Vincent Ritorto
10/1	Henry A. Zittel	Fireman	:	7/16	Fireman James T. Connelly

RESIGNATIONS

1/5	Fireman Harold J. Walsh
1/26	Director John P. Caufield
2/16	Fireman Raymond Giese
3/5	Fireman William J. Bretzger
4/19	Fireman Philip G. Rosensteel
5/5	Fireman Henry E. Keller
7/8	Fireman Victor Russomanno
9/23	Phys.Ed.Instr. John A. Murphy
10/4	Fireman Richard Lanigan
10/25	Fireman George Simon
11/3	Fireman Anthony Paradiso
11/15	Phys.Ed.Instr. Raymond Dandridge
12/3	Fireman Charles Lasky

EMPLOYMENT TERMINATED

9/28	Vincent J. Lally -
	Lineman Helper (Temp)

DISMISSALS

8/14	Fireman Benjamin Joseph
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COMPANY STATISTICS

COMPANY	TOTAL ALARMS ANSWERED	TOTAL ALARMS WORKED	EMERGENCY CALLS	HOURS ENGINE DUTY	FEET OF HOSE USED	IN-SERVICE INSPECTIONS	HYDRANTS INSPECTED	DRILLS AND DEMONSTRATIONS	HOURS OUT OF QUARTERS
Eng Co 1	1294	376	1	346:99	81,050	59	490	233	733:45
" " 2	1096	315	-	173:31	42,315	33	256	367	601:03
" " 4	1967	660	-	219:38	60,200	104	170	371	844:42
" " 5	952	179	-	105:05	36,950	27	369	251	426:45
" " 6	3636	1295	-	557:10	93,750	150	340	345	1290:08
" " 7	2141	511	-	263:54	67,350	215	441	362	769:52
" " 8	578	225	-	117:16	30,050	43	249	213	428:59
" " 9	1566	707	-	357:40	60,750	61	263	355	736:38
" " 10	2225	737	-	594:00	97,800	175	496	387	948:00
" " 11	2061	638	-	224:23	65,000	32	375	356	803:52
" " 12	3515	836	-	378:39	118,200	198	374	291	1150:54
" " 13	840	463	3	175:34	23,600	50	474	359	618:49
" " 14	1253	374	-	219:15	32,450	90	460	156	684:15
" " 15	1638	432	-	191:09	43,700	38	244	255	631:40
" " 16	645	396	-	246:50	35,350	90	476	405	522:00
" " 17	2269	470	-	307:33	60,515	26	255	257	726:25
" " 18	2818	634	-	249:50	95,454	24	300	141	920:28
" " 19	1041	458	-	232:06	40,060	82	153	374	404:19
" " 20	3224	823	-	631:21	122,600	40	451	314	1198:48
" " 21	347	159	-	46:00	16,300	80	150	242	324:54
" " 26	485	213	-	82:53	12,600	249	660	363	389:32
" " 27	786	370	-	351:44	36,900	90	972	298	647:51
" " 28	781	237	2	106:35	17,300	61	245	372	458:15
" " 29	1538	434	-	147:30	31,350	325	390	382	638:52
" " 32	267	159	-	158:20	9,550	302	790	368	436:45
Fireboat	131	52	30	41:50	1,550	-	-	359	126:53
Salvage 1	2626	475	47	-	-	-	-	338	875:00
Salvage 2	4449	790	40	-	-	-	-	396	1108:00
Rescue Sq.	3527	851	370	1244:52 Res. Duty	-	-	-	363	1244:52
Totals	49,696	14259	493	7798:17	1,332,694	2644	9945	9273	20,692:16

COMPANY STATISTICS (2)

COMPANY	TOTAL ALARMS ANSWERED	TOTAL ALARMS WORKED	EMERGENCY CALLS	NO. OF FEET OF LADDERS USED	NO. OF INSPECTIONS MADE	DRILLS AND DEMONSTRATIONS	HOURS OUT OF QUARTERS	HYDRANTS INSPECTED
Truck Co. 1	1580	547	-	13,124	126	336	726:00	405
Truck Co. 2	1549	381	-	7,579	49	383	775:09	460
Truck Co. 3	2190	463	-	15,418	130	381	969:55	188
Truck Co. 4	853	249	-	6,596	70	386	554:38	144
Truck Co. 5	3996	1108	-	25,858	55	261	1510:00	232
Truck Co. 6	834	184	1	3,041	108	309	573:26	139
Truck Co. 7	1152	236	2	4,074	21	329	550:00	435
Truck Co. 8	636	205	-	4,723	53	363	405:00	280
Truck Co. 9	2931	645	-	15,219	17	351	1034:43	321
Truck Co. 10	1660	382	1	7,897	120	362	662:51	1046
Truck Co. 11	1953	362	2	7,690	24	355	658:10	71
Truck Co. 12	329	89	-	1,373	58	372	172:00	177
Totals	19,663	4,851	6	112,592	831	4188	8591:52	3898

CHIEFS	ALARMS ANSWERED	HOURS WORKED	HOURS DISTRICT INSPECTION
Dep. Div. 1	3247	2260:00	1058:30
Dep. Div. 2	2444	1085:10	974:25
Dep. Div. 3 Since 6/1	1396	682:00	297:00
Batt. Dist. 1	2556	1488:48	357:15
Batt. Dist. 2	1975	1772:27	696:22
Batt. Dist. 3	1807	1442:00	595:00
Batt. Dist. 4	4297	2491:50	1270:45
Batt. Dist. 5	1045	1771:40	544:55
Totals	18767	12993:55	5788:12

Company Statistics (3)

SALVAGE COMPANIES 1 AND 2

Canvas Covers Spread	549
Roof Covers Spread	12
Roofs Covered by Other means	--
Sprinkler Systems restored to service	--
Sprinkler heads replaced	180
Buildings secured	136
No. of bldgs. - water removed	--

SPECIAL SERVICE AND SUPPLY

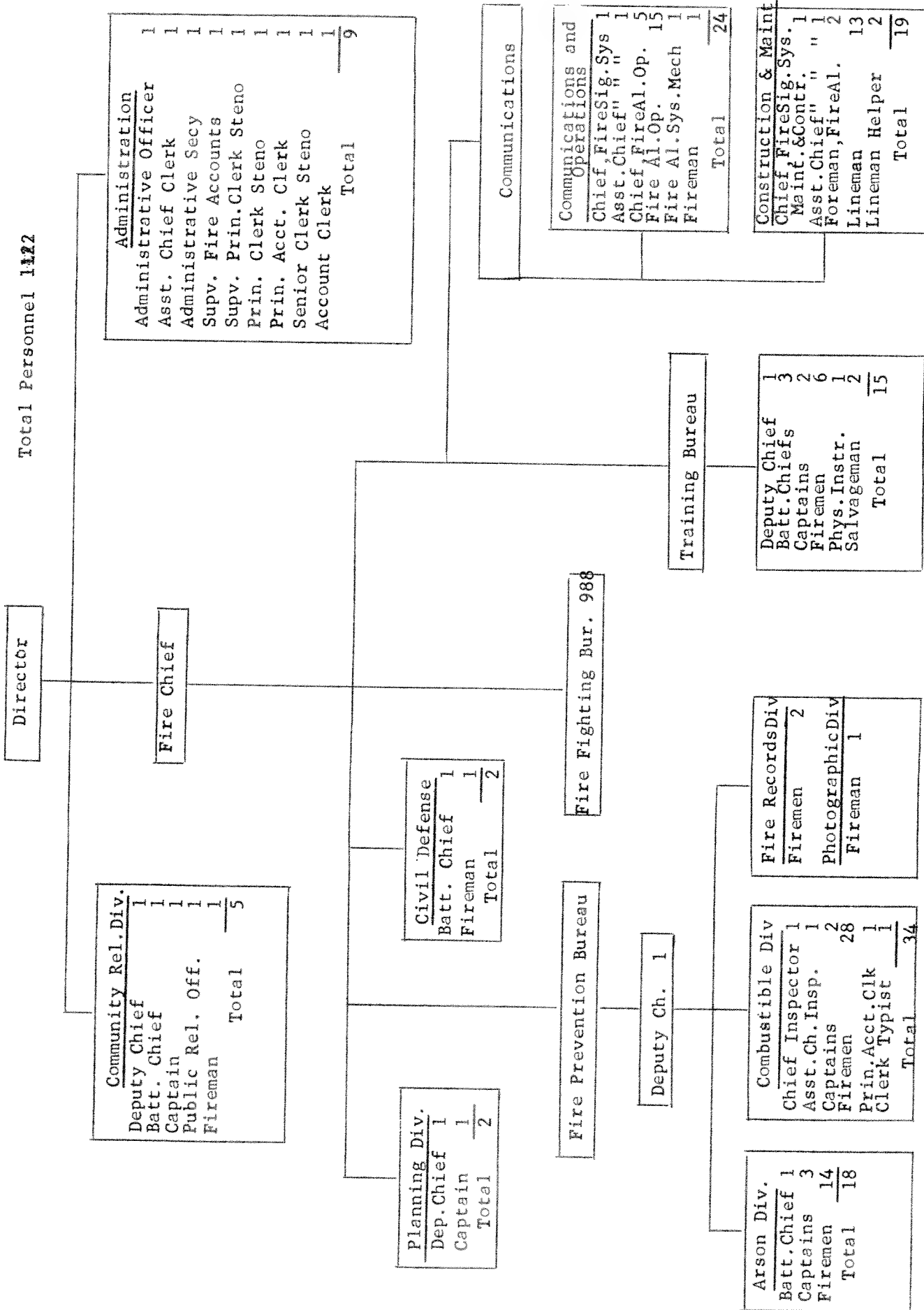
No. Alarms answered	61
No. of times smoke ejector used	2
No. of times emergency lights used	--

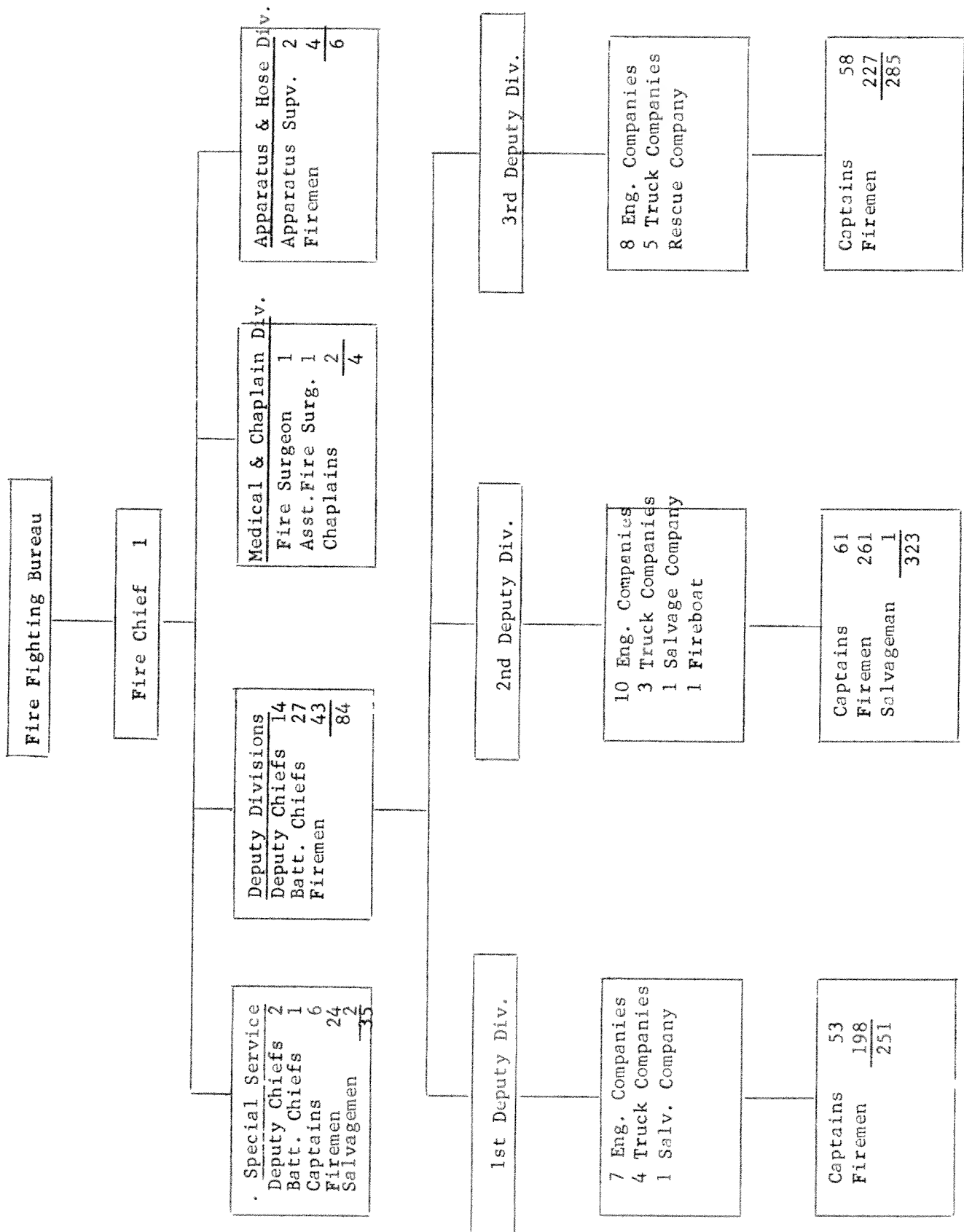
SUMMARY

Total No. Alarms answered	88,126
Total No. Alarms worked	19,110
Total No. Engine Hours	7,798:17
Total Feet of Hose used	1,332,694
Total Feet of Ladders used	112,592
Total No. Hours out of Qtrs.	29,284:08

oOo

Total Personnel 1122





FIRE PREVENTION DIVISION

Annual Report for the year 1970
submitted by
Deputy Chief David J. Kinnear

Reports in detail from the Bureau of Combustibles, Arson Squad, and Fire Loss Record Bureau, which comprise the Fire Prevention Division, accompany this report, which lists the additional activities of this Division.

Continuing the program of training and education for Division members, Bureau of Combustibles members are given daily lectures on Inspection Procedures, Violation Procedures, Fire Codes and other subjects dealing with their duties. Arson Squad investigators are also given regular instructions in latest investigative procedures by the officers of the squad.

Eight members of the Bureau of Combustibles attended courses in Fire Prevention and Investigation at Rutgers, Newark College of Engineering and Jersey City State College.

Each Bureau Inspector was given personal copies of the following N.F.P.A. books for reference when conducting inspections:

1. Hazardous Chemicals
2. Indoor General Storage
3. Inspectors Manual (3rd Edition, 1970)

Other publications were acquired to be kept in the offices of the Arson Squad and Bureau of Combustibles for study and reference.

A two-day seminar on Arson Investigation and Fire Prevention was conducted by this Division in December. The seminar was held at the Newark Training Academy and was attended by 90 members from 19 Essex County Police and Fire Departments, in addition to members of this Division. Besides those listed in the Arson Squad section of this report, other speakers from the New Jersey State Departments of Labor and Housing, Montclair Fire Department and the Newark Fire Department lectured on methods of Fire Inspection and Investigation, New Jersey State laws in regard to industrial buildings, hotels and multiple dwellings, and sprinkler and standpipe installations.

In December 1970, the City Council adopted the 1970 Edition of the Fire Preventive Code, which is recommended by the American Insurance Association, as the Fire Prevention Code of the City of Newark. This replaces the 1965 Edition of the Code. Copies of this new Code were distributed to all fire companies in January, 1971.

Thousands of pieces of Fire Prevention literature were distributed throughout the City during the entire year and especially during Fire Prevention Week. In cooperation with the Training Division, speakers were provided to lecture at schools and before various groups when they were requested to do so. Special details were provided for sporting events, concerts and other meetings and assemblies of large crowds. During the pre-Christmas shopping period, inspectors concentrated mainly on the business areas of the city.

Fire Prevention Division (2)

Because of the continued increase in the number of fire alarms from city schools, several meetings were held with members of the Board of Education to attempt to come up with a solution to alleviate this problem. A survey was conducted for a one-month period from July 15th to August 15th to try to pinpoint reasons for malfunctions in the alarm systems. Meetings were held with representatives of Pyrotronics, Inc., installers of the Pyr Alarm Systems in the schools, and some adjustments were made in locations and types of detectors. A 10% decrease in alarm malfunctions from 504 in 1969 to 451 in 1970 indicates partial success in solving the malfunction problem and continued efforts will be made in this direction. However, the increase in fires from 38 in 1969 to 60 in 1970, and in false alarms from 488 in 1969 to 698 in 1970, indicates a serious security, discipline and educational problem, and our future efforts, in cooperation with the Board of Education and Community Relations Bureau, will be concentrated on this phase of the problem.

I wish to thank the Fire Director, the Fire Chief, all the personnel of the Fire Prevention Division and all other members of the Fire Department and other City departments, for their excellent help and cooperation during the past year.

BUREAU OF COMBUSTIBLES

Annual Report submitted by
Chief Inspector Elias J. Swerida
for the year 1970

The logical breakdown of the Property Classifications, Total Fires, Total Inspections, Total Fire Code Violations, and Ignition Classifications found on the following pages of this Report, are in compliance with the NFPA Code No.901, "CODING SYSTEM FOR FIRE REPORTING".

DEFINITIONS:

- Section 1. Totals of statistics comprising this report.
- Section 2. Yearly disposition of Court Cases initiated by the Bureau, with Yearly comparison chart.
- Section 3. Listing of Multiple Alarm Fires for 1970, including occupancy and cause of fire.
- Section 4. Breakdown of response to Hi-Rise buildings.
- Section 5. Total statistics involving vacant buildings.
- Section 6. Property Classification List, with total fires, inspections by the Bureau inspectors, and Fire Code Violations found. This list comprises the following 9 major divisions:
 - 1. Public Assembly - Place for congregation of groups for amusement, recreation, social, religious, civic and patriotic purposes.
 - 2. Education - Place used for the gathering of groups for instruction, such as schools.
 - 3. Institution - Place used for the purpose of medical or other treatment, providing sleeping facility.

Bureau of Combustibles (2)

4. Residence - Place in which sleeping accommodations are provided for normal residential purposes.
5. Store and Office - Place used for display, sale, repair, service of merchandise, new or used.
6. Basic Industry, Miscellaneous - Agriculture, forestry, mining, utilities, laboratories, communication facilities.
7. Manufacture - Mechanical or chemical transformation of substances into new products.
8. Storage - Areas and structures used for the storage of goods, merchandising, vehicles, animals,
9. Special Property - Mainly outdoor properties and transport equipment not classified under other major divisions.

*** These 9 major divisions are subdivided into 68 divisions, which are sub-divided into 406 sub-divisions comprising over 3000 different classifications.

Section 7. Source of Heat of Ignition for fires.

Section 8. Form of Heat of Ignition for fires.

Section 9. Act or Omission - The act or lack of action on the part of a person which provides the conditions ripe for fire.

Section 10. Complete Public School Report.

1970 Annual Report Totals

Bell Alarms transmitted	11,551	:	TOTAL BUILDING INSPECTIONS	23,541
Signal 5 Alarms transmitted	8,052	:	TOTAL FIRE CODE VIOLATIONS	1,765
TOTAL ALARMS TRANSMITTED -	19,603	:	TOTAL PERMIT FEES COLLECTED	\$56,910.00
Building fires	3,948	:	Miscellaneous permits	6,599
Non-Building fires	4,162	:	Oil and equipment permits	426
TOTAL ACTUAL FIRES	8,110	:	Theator operator permits	40
Total False Alarms	4,203	:	TOTAL PERMITS ISSUED	7,065
Total Vehicle fires	1,517	:	Special Bureau Details	165
Non-fire emergency	5,773	:	(Public gatherings)	
(Steam-Smoke scare-Standby-		:	Fire demonstrations	225
drills, demonstrations,		:	(Schools, Rest Homes)	
relocations, parades, etc.)		:	Plans examined and approved	82
Out of City responses	6	:	(RE: Fire safety, sprinkler, etc)	
2nd Alarm Fires	55	:	Fire Lectures (School Children)	184
3rd Alarm Fires	14	:	Total Children involved	13,435
4th Alarm Fires	4	:		
TOTAL MULTIPLE ALARMS	73	:		
TOTAL FIRE DEATHS	36	:		

Bureau of Combustibles (3)

DISPOSITION OF COURT CASES FOR 1970

MONTH	TOTAL HEARINGS	VACANT BLDG HEARINGS	OCCUPIED BLDG HEARINGS	VACANT BLDG FINES COLLECTED	OCCUPIED BLDG FINES COLLECTED	TOTAL FINES COLLECTED
Jan.	75	62	13	\$ 1,100.00	\$ 362.00	\$ 1,462.00
Feb.	67	53	14	1,775.00	-----	1,775.00
Mar.	69	56	13	2,150.00	600.00	2,750.00
Apr.	64	43	21	1,775.00	40.00	1,815.00
May	51	30	21	1,725.00	350.00	2,075.00
June	47	34	13	300.00	350.00	650.00
July	85	73	12	4,975.00	200.00	5,175.00
Aug.	42	30	12	25.00	---	25.00
Sep.	122	112	10	22,850.00	575.00	23,425.00
Oct.	73	51	22	6,300.00	50.00	6,350.00
Nov.	62	52	10	1,150.00	----	1,150.00
Dec.	92	68	24	4,500.00	300.00	4,800.00
1970						
TOTALS	849	664	185	\$48,625.00	\$2,827.00	\$51,452.00

COURT CASES DISPOSITION -- YEARLY COMPARISON CHART

YEAR	COURT CASES INITIATED	TOTAL FINES COLLECTED
1952	None	None
1953	None	None
1954	None	None
1955	None	None
1956	None	None
1957	None	None
1958	5	None
1959	5	None
1960	15	None
1961	12	None
1962	20	None
1963	21	None
1964	25	None
1965	30	None
1966	29	\$ 25.00
1967	44	500.00
1968	104	4,885.00
1969	170	12,960.00
1970	207	51,452.00

Bureau of Combustibles (4)

MULTIPLE ALARMS DURING 1970

<u>DATE</u>	<u>ALARM</u>	<u>LOCATION</u>	<u>OCCUPANCY</u>	<u>CAUSE</u>
Jan.				
14	2nd	100-02 Hedden Terr.	Occ. 3 st fr dw.	Undetermined
18	3rd	134-46 Rose St. and 51 Badger Ave.	Occ. 1 st br warehouse	"
18	2nd	239-41 Waverly Ave.	2 Vac & 1 Occ 3 st fr dw's	"
20	2nd	381 - 6th Ave.	Occ. 3 st fr dw.	"
22	2nd	335-7 Littleton Ave	1 Vac & 1 Occ 3 st fr dw	Incendiary
27	2nd	18 Chestnut St.	Occ. 4 st br dw	"
Feb.				
6	2nd	164-6 Bruce St.	Occ. 3 st fr dw	Incendiary
8	3rd	333-5 Fairmount Ave.	Occ. 3 st fr tene	Undetermined
15	2nd	763 So. Orange Ave.	Occ. 3 st fr Bakery & dw	Oil burner
23	2nd	317 Belmont Ave.	Occ. 3 st fr dw	C/Smoking
25	3rd	413 So. 6th St	3 Vac 3 st fr dw	Incendiary
25	3rd	339 Littleton Ave.	5 Vac 3 st fr dw	Undetermined
Mar.				
2	3rd	412-16 So. 6th St.	1 Vac & 2 Occ 3 st fr dw's	Incendiary
2	2nd	250 Passaic St.	2 St Br carpenter shop	Accidental
12	2nd	300-2 Hunterdon St.	1 Vac & 1 Occ 3 st fr dw	Incendiary
19	2nd	477 So. 14th St.	Vac 3 st fr dw	Undetermined
24	2nd	145-49 Elizabeth Ave.	1 Vac & 2 Occ 3 st fr dw	"
27	2nd	34 Beacon St.	Occ 4 st br dw	C/Smoking
28	2nd	70-2 - 2nd St.	Vac 3 st fr dw	Incendiary
Apr.				
4	2nd	606-8 So. 10th St.	Vac 3 st fr dw	Incendiary
6	3rd	343 South St.	Lowenstein Scrap Yard	"
12	3rd	339-45 Littleton Ave.	3 Occ 3 st fr dw	"
8	2nd	262 Renner Ave.	3 st br apts occ.	"
13	3rd	476 So. 12th St.	About 18 fr dw's	"
17	2nd	86-90 No. 11th St.	1 Vac & 2 Occ 3 st fr dw's	Undetermined
25	2nd	201-3 Bruce St. and 44-46-14th Ave	2 Occ 3 st br dw's	Oil burner
26	2nd	428-32 Belmont Ave.	3 Occ 3 st fr dw's	Undetermined
26	3rd	305-11 Springfield Ave.	4 Occ 4 st br dw's	"
26	2nd	61 Ferry St.	Occ 1 st br restaurant	C/Cook/Flue
26	2nd	282 Springfield Ave.	Occ 4 st br dw	Undetermined
27	3rd	70-76 Peshine Ave.	3 Vac 3 st fr dw's	Incendiary
29	2nd	564-68 - 15th Ave.	1 Vac & 1 Occ 3 st fr dw	Incendiary
29	2nd	Port Nwk Bldg 193	Occ 1 st metal warehouse	Undetermined
May				
8	2nd	473-5 Springfeidl Ave	Vac 3 st fr store & dw	Incendiary
15	2nd	142 No. 13th St.	Occ 3 st fr duplex dw	Incendiary
15	2nd	211 Spruce St.	Vac 3 st fr dw	Incendiary
16	2nd	124 Fairmount Ave.	Occ 4 st br dw	Undetermined
20	3rd	66-72 - 16th Ave.	2 Occ 4 st br tene	Incendiary
22	2nd	303-5 Rose St.	2 Occ 2½ st fr dw	Incendiary
June				
8	2nd	336 Littleton Ave.	Vac 3 st fr dw	Undetermined
17	3rd	37-39 Pierce St.	2 2 Vac 3 st fr duplex dw's	Incendiary
20	2nd	124 Orchard St.	Vac 3 st fr dw	Incendiary
24	2nd	104-6-8 So. Orange Ave	1 Occ 2 vac 3 st fr dw's	Incendiary
29	3rd	3 Wood St.	Occ 4 st br apts	Incendiary
29	2nd	262-4 Littleton Ave.	3 st fr store & dw	Undetermined

Bureau of Combustibles (5)

Multiple Alarms (Cont'd)

July				
6	3rd	86-88 16th Ave.	Vac 4 st fr dw	Incendiary
8	2nd	99 Mulberry St.	3 st br store	Incendiary
14	2nd	19-21-23 Tichenor	2-2½ & 1 4 st fr dw	Incendiary
14	2nd	10 Kearny St.	4 st fr tenement	Incendiary
25	2nd	150-2-4 Hawthorne Ave	2 Vac & 1 Occ 3 st fr dw	Incendiary
August				
12	2nd	30 Ogden St.	Occ 2 st br factory	Undetermined
17	2nd	31½-33-35 6th Ave	2-2½ & 1-3 st fr dw	Undetermined
26	2nd	35 Summer Ave	3 st fr warehouse	Undetermined
28	2nd	149 Orchard St.	Vac 3 st fr dw	Incendiary
28	4th	232 Ridgewood Ave	4 st fr factory	Incendiary
Sept.				
3	2nd	609-11-13 Orange St.	Vac 3 st fr tenement	Incendiary
6	4th	426-36 So. 7th St.	Vac 3 st fr dw's	Undetermined
13	2nd	63-85 Empire St.	Vac 1 st br factory	Incendiary
14	2nd	415-17 So. 6th St.	Occ 3 st fr tene	Incendiary
27	2nd	158 Mulberry St.	Vac 2 st fr factory	Incendiary
October				
1	2nd	480-2 Clinton Ave.	Occ 2 & 3 st dw's	Undetermined
13	2nd	94 Monroe St.	Occ 4 st br textile fact	Undetermined
November				
10	2nd	114-116 Central Ave	Vac 3½ st fr dw	Vagrants
18	2nd	802-4-6 Bergen St.	Occ 2-3 & 1-2½ st fr	C/Cooking
December				
4	2nd	557-61 Clinton Ave	Occ 4 st br dw	Undetermined
6	4th	450 Broad St.	Occ 7 st br Hotel Benzell	Undetermined
9	2nd	670 Bergen St.	Occ 3 st br Tavern & dw	Undetermined
12	2nd	75 Pennsylvania Ave	Occ 3 st fr dw	Incendiary
14	2nd	58 Park Ave.	Occ 3 st br store & dw	Incendiary
24	2nd	434-6 15th Ave	2 Occ 2 st fr dw	Faulty wiring
24	4th	58-68 Broadway	Occ 2-2½-3 br stores & dw	Undetermined
27	2nd	718 Broadway	Occ 3 st fr dw	Faulty wiring
27	2nd	572 So. 10th St.	Occ 3 st fr dw	Incendiary

STATISTICS REGARDING VACANT BUILDINGS - 1970

Actual fires-----	814
Inspections by the Bureau-----	2,888
Violations of Fire Code-----	773
Violation notices sent to Owners, Landlords, Previous Tenants, Registered Agents -----	3,386
Processed for Court Action after proper notification failed to correct violations-----	180
Court hearings held -----	664
Fines collected-----	\$48,625.00
Buildings razed in 1970-----	702
Buildings secured this year-----	624
Buildings rehabilitated-----	27

Bureau of Combustibles (6)

HI-RISE BUILDING REPORT

LOCATION	ACTUAL FIRES	INCIN ERATORS	FALSE ALARMS	OUTSIDE AUTO BRUSH	TOTAL RESPONSE
Bradley Court-----	1				3
Baxter Apartments-----	6	1		1	8
Columbus Homes -----	95	54	14	48	211
Felix Fuld-----	5	7	3	3	18
Hayes Apartments-----	47	12	4	13	76
Hyatt Court-----	7	2	2	3	14
Kretchmer Homes-----	47	63	7	29	146
Pennington Court -----	3	1	9	2	15
Roosevelt Homes-----	3	5		1	9
Seth Boyden-----	1	1	1	4	7
Scudder Homes-----	104	99	27	34	264
Stephen Crane-----		2	1	2	5
Walsh Homes-----	18	20	8	18	64
Wright Homes-----	90	87	18	30	225
Total of above (Newark Housing Authority)	427	354	94	200	1,075
Academy Spires -----	8	42	1	6	57
Ivy Hill Apartments-----	21	81	5	14	121
All Others-----	7	8	2	3	20
Total of Above	36	131	8	23	198
Combined Totals-----	463	485	102	223	1,273

1- PUBLIC ASSEMBLY	TOTAL FIRES	BUREAU INSPECTIONS	FIRE CODE VIOLATIONS
11-AMUSEMENT-RECREATION PLACES(Fixed use)			
111-Bowling-----		4	1
112-Billiard -----	3	9	
113-Amusements-----	4	32	2
114-Ice Rink-----	1	1	
116-Swimming-----		1	
12-AMUSEMENT, RECREATION PLACES (Variable use)			
121-Ballroom-gym-----	2	86	1
122-Exhibition hall-----	1	1	
123-Arena-stadium-----	1	1	
13-CHURCHES, FUNERAL PARLORS			
131-Church-----	15	23	3
133-Church hall-----	2	260	
139-Church, unclass.-----		20	
14-CLUBS			
141-City club-----	5	55	6
143-Yacht club-----		2	

Bureau of Combustibles (7)

	TOTAL FIRES	BUREAU INSPECTIONS	FIRE CODE VIOLATIONS
1. PUBLIC ASSEMBLY (CONT'D)			
15-LIBRARY-MUSEUM-COURT ROOM			
151-Library-----	----	3	-----
152-Museum-art gallery-----	----	3	-----
154 Memorial structure-----	----	5	-----
155-Court room-----	----	13	----- 1
16-EATING-DRINKING PLACES			
161-Restaurant-----	33	194	----- 9
163-Tavern-----	48	1162	----- 17
164-Lunchroom-drive-in-----	2	60	----- 9
169-Eating, unclass.-----	----	1	-----
17-PASSENGER TERMINALS			
171-Airport-----	6	6	-----
173-Bus terminal-----	----	2	-----
174-Street level rail term.-----	6	3	-----
175-Underground rail term.-----	1	1	-----
176-Elevated rail terminal-----	----	2	-----
18-THEATERS-STUDIOS			
181-Legitimate theater-----	----	4	----- 1
182-Auditorium-----	1	5	-----
183-Motion picture theater-----	2	120	-----
184-Drive-in theater-----	----	5	-----
185-Radio & TV studio-----	----	5	-----
186-Motion picture studio-----	----	1	-----
2-EDUCATION			
21-SCHOOLS, NON-RESIDENTIAL			
211-Nursery school-----	----	227	----- 17
212-Kindergarten-----	----	2	----- 1
213-Elementary-----	34	265	----- 64
214-Junior High-----	4	20	----- 8
215-High school-----	22	50	----- 11
219-School, non-residential, unclass.	----	3	-----
22-SCHOOLS, RESIDENTIAL			
221-Residen. sch. classroom bldg.	----	41	----- 7
23-TRADE & BUSINESS SCHOOLS			
231-Vocational school-----	3	55	----- 4
232-Business school-----	----	7	-----
233-Specialty school-----	----	18	-----
234-Rehabilitation center-----	----	32	----- 6
239-Trade school, unclass.-----	----	4	-----
24-COLLEGE & UNIVERSITY			
241-Junior college-----	----	8	----- 1
242-College-university classrm. bldg.	4	48	----- 15
3-INSTITUTION			
31-CARE OF THE AGED			
311-Care/aged w/nursing-----	1	79	----- 1
312-Care/aged no/nursing-----	----	19	-----
32-CARE OF THE YOUNG			
321-Day care center-----	----	95	----- 2
322-Children's home-orphanage-----	----	28	----- 2

Bureau of Combustibles (5)

	TOTAL FIRES	BUREAU INSPECTIONS	FIRE CODE VIOLATIONS
5. STORES AND OFFICES			
51-FOOD & BEVERAGE SALES			
511-Supermarket -----	3	77	2
512-Grocery store-----	5	123	4
513-Specialty food store-----	5	25	1
514-Liquor & beverage store-----		181	
515-Creamery & dairy store-----		4	
516-Delicatessen-----	1	9	
519-Food-beverage sales unclass----		14	1
52-TEXTILE, WEARING APPAREL SALES -----			
521-Clothing store -----	7	141	2
522-Clothing accessories, shoe store	4	48	1
523-Shoe repair shop -----	2	20	3
524-Tailor-dressmaking shop -----	1	25	1
525-Fur store-----		25	1
526-Dry Goods store-----	5	14	1
529-Textile sales, unclass-----		1	
53-HOUSEHOLD GOODS SALES & REPAIRS			
531-Furniture store-----	8	103	3
532-Appliance store-----	8	78	1
533-Hardware store-----	3	87	3
534-Music store-----	1	12	
535-Wallpaper-paint store-----	2	32	3
536-Rug-floor covering store-----	3	11	
537-Furniture repair shop-----	1	20	1
538-Appliance repair shop-----	1	19	
539-Household sales unclass.-----		2	
54-SPECIALTY SHOPS			
541-Book-stationery store-----	1	31	1
542-News-stand- tobacco shop-----	2	12	1
543-Drug store-----	7	133	1
544-Jewelry store-----	1	31	
545-Gift shop-----	1	9	
546-Leather goods shop-----	4	10	
547-Florist-greenhouse-----		5	
548-Optical goods sales -----		5	
55-RECREATION, HOBBY, HOME REPAIR SALES			
551-Hobby-toy shop-----	1	10	
552-Sporting goods sales-----	3	8	
553-Photo supply sales-----		19	
554-Garden supply store-----	1	1	
555-Retail lumber sales-----	1	20	
556-Pet store-animal hosp.-----		29	1
557-Barber-beauty shop-----	1	24	
559=Home supply sales, unclass.-----		1	
56-PROFESSIONAL SUPPLIES & SERVICES			
501-Professional supply sales-----		19	1
562-Trade supply sales-----		29	
563-Art supply sales-----		6	
564-Laundry-dry cleaner-self/serv	3	140	
566-Laundry-dry cleaner pickup shop	1	75	
567-Home maintenance services-----		25	1
568-Restaurant supplies-services		11	
569-Professional supplies, unclass		3	

Bureau of Combustibles (10)

	TOTAL FIRES	BUREAU INSPECTIONS	FIRE CODE VIOLATIONS
5. STORE AND OFFICES (Continued)			
57-MOTOR VEHICLE, BOAT SALES AND SERVICE			
571-Service station, public-----	11	554	13
572-Service station, private-----	2	33	
573-Vehicle repair & paint shop---	18	536	9
574-Vehicle & trailer sales-----	1	76	3
575-Vehicle accessory sales-----	1	95	5
576-Boat sales-----		2	
577-Marine service station-----		1	
578 Car washing facility-----	1	14	
579-Vehicle, boat sales unclass.---		1	
58-GENERAL ITEM STORES			
581-Department store-----	3	71	3
582-Variety store-small-----	10	53	
583-Variety-store-large-----	3	35	1
589-General item store unclass----	1	1	
59-OFFICES			
591-General business office-----	31	181	11
592-Bank-----	3	10	2
593-Medical research office-----		8	
594-Engineering-architects office		8	
595-Mailing firm-----		16	1
596-Post office-----		2	
599-Offices, unclass.-----		2	
6. BASIC INDUSTRY UTILITY, DEFENSE			
61-NUCLEONICS			
611-Plant w/radioactive mater.(bulk)		5	1
62-LABORATORIES			
621-Chemical and medical-----		23	1
622-Physical material testing-----		5	
625-Electrical-----		1	
627-Research general-----		11	
63-COMMUNICATIONS, DEFENSE, DOCUMENT, FACILITIES			
631-National defense site-----		2	
634-Telephone exchange-----	4	15	
635-Computer-data proc.center-----	1	1	
639-Communications, unclass.-----	4	4	
64-UTILITIES			
641-Elec.light-power gen. plant----		3	
642-Elec.light-power distr.system	10	6	
643-Gas manuf.plant-----		2	
644-Gas distr.system-pipeline		1	
645-Flam.liquid distr.sys-pipeline		6	
646-Steam system-----		18	
647-Water supply system-----		5	
648-Sanitary service-----	27	1	
649-Utilities, unclass.-----	3	3	
65-AGRICULTURE			
652-Cow & cattle production-----		1	
654-Other livestock production----		2	
655-Crops--orchards-----		1	

Bureau of Combustibles (11)

	<u>TOTAL FIRES</u>	<u>BUREAU INSPECTIONS</u>	<u>FIRE CODE VIOLATIONS</u>
6. BASIC INDUSTRY, UTILITY, DEFENSE (Cont'd)			
66- FORESTRY, HUNTING, FISHING			
664-Trees-----	5	8	
68-NONMETALLIC MINERALS & PRODUCTS MFG.			
681-Structural clay products-----		1	
682-Glass mfg.-----	1	27	
683-Glass container mfg.-----		2	
686-Concrete batch plant-----		2	
687-Abrasives mfg.-----		2	
688-Nonmetallic Mineral prod. mfg.	11	30	
689-Nonmetallic mfg. unclass.-----	2	2	
7-MANUFACTURE			
71-FOOD			
711-Slaughter, preserving of meat--	2	22	
712-Dairy products mfg-----	1	18	
713-Canning, fruits, vegetables---		2	
714-Canning, fish, seafoods-----		1	
715-Grain mill products, fg.-----		1	
716-Bakery products mfg.-----	10	62	2
717-Sugar refining mfg.-----		9	
718-Snack foods mfg.-----	1	1	
719-Food industry, unclass.-----	5	13	
72-BEVERAGES, TOBACCO, ESSENTIAL OILS			
721-Distilling, blending spirits----		2	
722-Wines, winery-----		10	
723-Brewery-----	3	64	
724-Soft drink, carb. water distr.--	2	5	1
725-Tobacco products mfg.-----		1	
726-Soap making-----	4	30	
729-Beverages, unclass-----	2	2	
73-TEXTILES			
732-Cotton, spinning, weaving-----		7	
734-Mixed fiber, spinning, weaving	5	28	
735-Textile finishing plant-----		11	
736-Knitting mills-----		14	
737-Cordage, rope mfg.-----		2	
738-Floor covering mfg. (no rubber)	1	5	
739-Textile mfg. unclass-----	8	7	
74-FOOTWEAR, WEARING APPAREL-LEATHER, RUBBER			
741-Footwear mfg.-----		4	
742-Wearing apparel mfg.-----	4	217	4
743-Made-up textile goods mfg.---	2	22	
744-Tanneries-----	3	59	
745-Fur, fur products mfg.-----		29	
746-Leather products mfg.-----	6	30	
747-Rubber products mfg.-----		45	1
749-Wearing apparel mfg. unclass.	4	2	

Bureau of Combustibles (12)

	<u>TOTAL FIRES</u>	<u>BUREAU INSPECTIONS</u>	<u>FIRE CODE VIOLATIONS</u>
7. MANUFACTURE (Continued)			
75-WOOD, PAPER, FURNITURE, PRINTING			
751-Sawmill-----		44	
752-Wooden ware mfg.-----	3	11	
753-Wood, cork products mfg.-----		21	1
754-Furniture mfg.-----		100	2
755-Paper, paperboard mfg.-----	1	10	1
756-Paperboard Products mfg.-----	5	52	1
757-Newspaper, magazine print.&pub.--	1	19	1
758-Printing, publishing industry---	8	150	4
759-Wood products, unclass.-----	4	4	
76-CHEMICAL, PLASTIC, PETROLEUM			
761-Industrial chemicals mfg.	7	200	1
762-Hazardous chemical mfg.		13	1
763-Plastic mfg.-----		94	1
764-Plastic products mfg.-----	1	51	1
765-Paints, adhesives mfg.-----	2	195	1
766-Drugs, cosmetics mfg.-----		32	
767-Petroleum ref-nat. gas mfg.---	1	39	1
768-Asphalt, coal products mfg.---		17	
769-Chemical mfg. unclass.-----	1	1	
77-METAL, METAL PRODUCTS			
771-Iron and steel mfg.-----	10	74	2
772-Nonferrous metal mfg.-----	2	82	1
773-Metal products mfg.-----	21	291	6
774-Machinery mfg.-----	2	401	4
775-Electrical machinery mfg.-----	1	65	
776-Electrical appliance mfg.-----	1	51	1
779-Metal mfg. unclass.-----	14	7	
78-VEHICLE ASSEMBLY OR MANUFACTURE			
782-Boat building (under 65 ft)		9	
783-Railway equip mfg.-----		3	
784-Motor vehicle mfg.-----		26	
785-Bicycle mfg.-----	1	1	
79-OTHER MANUFACTURING			
791 Instrument mfg.-----		1	59
792-Photo-Optical goods mfg.-----		12	
793-Watch, clock mfg.-----		2	
794-Jewelry mfg.-----		104	1
795-Musical instrument mfg.-----		9	
796-Laundry, dry cleaning plant---	3	255	2
797-Photographic film process lab		2	
798-Toys, sporting goods, unclass.	1	5	
799-Other manufacture, unclass.	33	45	
708-General maintenance shop, unclass	20	15	1
709-Industrial property, unclass.		4	
8. STORAGE			
81-AGRICULTURAL PRODUCTS STORAGE			
812-Boxed agricultural prod.stor.		10	
813-Loose, bagged agricultueal prod.		9	
816-Grain elevators-----	1	1	

Bureau of Combustibles (13)

8-STORAGE (continued)	TOTAL	BUREAU	FIRE CODE
	FIRES	INSPECTIONS	VIOLATIONS
82-TEXTILE STORAGE			
821-Baled cotton storage-----	10	1	
822-Baled wool storage-----	1	4	
823-Baled silk storage-----	1	1	
824-Baled jute, hemp storage-----		4	
825-Cloth, yarn storage-----		4	
826-Wearing apparel storage-----		18	
827-Leather products storage-----		5	
828-Fur, hair products storage----		2	1
829-Textile storage, unclass.-----	4	3	
83-PROCESSED FOOD, TOBACCO STORAGE			
831-Packaged foodstuff storage----	1	5	
832-Canned, bottled food/drink storage	1	16	
834-Food locker plants-----		3	
835-Cold storage-----		6	
837-Bulk flour, starch storage-----		3	
838-Packaged tobacco prod.storage	1	6	
84-PETROLEUM PROD.& ALCOHOLIC BEV. STORAGE			
841-flam.orcomb. liquid tank storage	1	369	
842-Gasometer, cryogenic gas storage		10	
843-LP-Gas bulk plant-----		19	
845-Packaged petroleum prod.storage		13	
846-Alcoholic beverage storage-----		14	
85-WOOD AND PAPER PRODUCTS STORAGE			
851-Lumberyard-----	2	47	
852-Wood products storage-----		23	1
853-Fiber products storage-----		6	
854-Rolled paper storage-----		1	
855-Paper products storage-----		17	
859-Wood products storage unclass.	11	11	
86-CHEMICAL OR PLASTIC PRODUCTS STORAGE			
861-Industrial chemical storage----	2	32	2
862-Hazardous chemical storage----	2	58	1
863-Plastic, plastic prod. storage	4	25	1
864-Fertilizer storage-----		1	
865-Paint, varnish storage-----		17	
866-Drugs, cosmetics storage -----		8	
867-Rubber, rubber prod. storage		11	1
868-Photographic film storage-----		1	
87-METAL, METAL PRODUCTS STORAGE			
871-Basic metal form storage-----	1	22	
872-Metal parts storage(incl.auto)	1	11	
873-Hardware storage-----		45	
874-Machinery storage-----		12	
875-Elec. appliance sup.stor.-----		17	
876-Finished metal prod.storage	2	16	
877-Scrap and Junkyards-----	54	138	1
879-Metal prod. storage, unclass.		3	1

Bureau of Combustibles (14)

	<u>TOTAL FIRES</u>		<u>BUREAU INSPECTIONS</u>		<u>FIRE CODE VIOLATIONS</u>
8. STORAGE (continued)					
88-VEHICLE STORAGE					
881-Garage, residential parking----	8	-----	1325	-----	50
882-Garage, general veh.parking----	45	-----	2066	-----	37
883-Bus-truck-fleet dealer storage		-----	71	-----	
884-Heavy machine-equip.storage ---	2	-----	4	-----	
885-Marinas, boat, ship storage ---	1	-----	1	-----	
886-Aircraft hangar-----	2	-----	3	-----	
887-Railway storage-----		-----	11	-----	
888-Fire stations-----		-----	1	-----	
889-Vehicle storage, unclass.-----		-----	3	-----	
89-GENERAL ITEM STORAGE					
891-General warehouse-----	55	-----	790	-----	15
892-Bagged mineral prod.storage----		-----	6	-----	
893-Packaged mineral prod.storage		-----	13	-----	
894-Freight terminal-----	4	-----	50	-----	
895-Coal-coke-charcoal storage----		-----	1	-----	
896-Military stores storage-----		-----	1	-----	
897-Ice storage-----		-----	5	-----	
898-Wharf,pier-----		-----	23	-----	
899-Gen.Item storage, unclass.	23	-----	4	-----	
9. SPECIAL PROPERTIES (Mainly Outdoors)					
91-OUTDOOR PROPERTIES					
911-Brush, grass-----	603	-----	183	-----	19
912-Dump-----	38	-----	14	-----	
913-Fence,pole-----	38	-----	11	-----	
914-Trash,rubbish,bonfire-----	895	-----	47	-----	8
915-Mailbox-----	7	-----	1	-----	
916-Oil slick, spilled debris-----	152	-----		-----	
92-SPECIAL STRUCTURES					
921-Bridge, trestle-----	2	-----	2	-----	
923-Toll Station-----	2	-----		-----	
924-Awning, canopy-----	7	-----		-----	
925-Shelter (storm-bomb-fallout)	2	-----	2	-----	
93-CONSTRUCTION, UNOCCUPIED PROPERTY					
931-Building under construction---	5	-----	72	-----	5
932-Building under demolition----	1	-----	2	-----	
933-Constr. other than bldg.-----	2	-----	7	-----	
934-Demolition other than bldg----		-----	6	-----	1
935-Vacant property-----	814	-----	2888	-----	773
936-Construction shed-----	3	-----	6	-----	
937-Idle Prop.(occupants cont.therein)		-----	1	-----	
938-Building under renovation-----	1	-----	4	-----	
94-WATER TRANSPORT VESSELS					
941-Motor craft (under 65 ft LOA)--		-----	1	-----	
946-Ship, cargo, other-----	1	-----		-----	
95-RAIL TRANSPORT VEHICLES					
952-Railroad car, freight-----	2	-----	1	-----	1
953-Locomotive-----	2	-----		-----	
955-Roadbed maint. equip.-----	1	-----	1	-----	
956-Railroad signal/switch equip.	2	-----		-----	
957-Railroad yard-----	21	-----	3	-----	

Bureau of Combustibles (15)

	<u>TOTAL FIRES</u>	<u>BUREAU INSPECTIONS</u>	<u>FIRE CODE VIOLATIONS</u>
9. SPECIAL PROPERTIES (Continued)			
96-ROAD TRANSPORT VEHICLES			
961-Automobile, taxicab-----	1122	34	1
962-Bus, trackless trolley-----	9	2	
963-Truck, comp. gas or LP gas----	1	268	1
964-Truck, flam. lic. chemical tank	1	297	2
965-Truck, general-----	379	26	
966-Motor cycle-----	3	2	
968-Industrial, commercial trailer	2	2	
969-Road transp. veh. unclass-----		1	
97-AIR TRANSPORT VEHICLES			
971-Personal aircraft (under 12,500 lb)		1	
973-Comm. aircraft, reciprocating eng.		1	
98-SPECIAL VEHICLES			
981-Construction equip-----		2	
984-Industrial truck (fork lift)	1	2	
0-PROPERTY, UNCLASSIFIED			
009-Property, unclass. (specify)		3	

	<u>YEARLY TOTAL</u>
F - SOURCE OF HEAT OF IGNITION	
F 1 - HEATING SYSTEMS	
F 11 - Central heating system unit, furnace, boiler, stoker-----	325
F 12 - Water heater-----	2
F 13 - Fixed or stationary local heating unit -----	9
F 14 - Fireplace, indoor-----	1
F 15 - Portable local heating unit-----	8
F 16 - Chimney-gas vent flue-----	87
P 17 - Chimney connector, including smoke pipe-----	19
F 18 - Steam line heating pipe-----	120
F 19 - Heating system, not elsewhere classified-----	433
F 2 - COOKING EQUIPMENT	
F 21 - Fixed or stationary surface unit, including stoves-----	426
F 22 - Fixed or stationary oven, includes rotisserie-----	10
F 23 - Fixed or stationary food warming appliance, includes coffee urn, steam table and warming table-----	5
F 24 - Deep fat fryer-----	9
F 25 - Portable cooking or warming unit, includes hot plate, camp stove, toaster, waffle iron-----	4
F 26 - Open fired grill, including charcoal, wood-----	24
F 27 - Grease hood or duct-----	28
F 29 - Cooking equipment not elsewhere classified-----	14
F 3 - AIR CONDITIONING REFRIGERATION EQUIPMENT	
F 31 - Central air conditioning or refrigeration equipment -----	13
F 33 - Fixed stationary local refrigeration unit includes freezer and refrigerator-----	11
F 39 - Air conditioning refrig. equip. not elsewhere classified-----	5

Bureau of Combustibles (16)

F - SOURCE OF HEAT OF IGNITION (Continued)	TOTAL
F 4 - ELECTRICAL DISTRIBUTION EQUIPMENT	
F 41 - Fixed wiring including power lines, junction boxes, cables	170
F 42 - Transformer-----	7
F 44 - Panelboard or switchboard, incl. fuses, circuit breaker---	7
F 45 - Switch, receptacle, outlet-----	25
F 46 - Lighting fixture, lamp holder, sign-----	60
F 47 - Cord, plug, extension-----	20
F 49 - Electrical distribution equip. not elsewhere classified--	128
F 5 - ELECTRICAL APPLIANCES AND EQUIPMENT	
F 51 - Television, radio equipment, incl. tape recorder, sound or picture recording equipment-----	24
F 52 - Dryer, includes coin-operated-----	37
F 53 - Washing machine, incl. laundry coin operated-----	8
F 55 - Iron, incl. soldering, pressing, ironing machine-----	11
F 56 - Floor care equipment, vacuum and waxing machines-----	4
F 57 - Separate motor and generator-not part of appliance-----	52
F 58 - Hand tools-misc. electric-----	4
F 59 - Appliances and equipment, not elsewhere classified-----	18
F 6 - SPECIAL EQUIPMENT	
F 61 - Electrical equipment, x-ray, computer, telephone,transmitter	5
F 62 - Vending machine or drinking fountain-----	1
F 63 - Office machine-----	20
F 65 - Separate pump or compressor-----	2
F 66 - Internal combustion engine-----	36
F 68 - Printing press-----	1
F 69 - Special equipment not elsewhere classified-----	10
F 7 - PROCESSING EQUIPMENT----	
F 71 - Furnace over or kiln-----	3
F 72 - Casting, molding, forging equipment-----	2
F 73 - Heat treating equipment-----	9
F 75 - Coating machine, asphalt or rubber-----	4
P 76 - Painting equipment-----	1
P 77 - Chemical process equipment, digester, reactor, distilling	4
P 78 - Waste recover equipment-----	1
P 79 - Processing equipment not elsewhere classified-----	6
F 8 - SERVICE AND MAINTENANCE EQUIPMENT	
F 81 - Incinerator-----	486
F 82 - Bearing or brake-----	16
F 84 - Tarpot or tar kettle-----	6
F 87 - Elevator-----	7
F 89 - Service and maint. equip. not elsewhere classified-----	20
F 9 - OTHER OBJECT, EXPOSURE FIRE	
F 93 - Separate: adjoining object, ignition of object less than one foot from fire-----	12
F 95 - Communicating: unprotected object without standard protection	9
F 99 - Other object exposure fire, not elsewhere classified-----	51

Bureau of Combustibles (17)

G - FORM OF HEAT OF IGNITION	YEARLY TOTAL
G 1 - FUEL FIRED OBJECTS	
G 11 - Spark, ember, flame from gas fueled equipment-----	9
G 12 - Heat from gas fueled equipment, incl pilot light or normal flame-----	70
G 13 - Spark, ember, flame escaping from liquid fueled equipment----	1
G 14 - Heat from liquid fueled equip. incl. pilot light of normal flame-----	52
G 15 - Spark, ember, flame from solid fueled equipment -----	5
G 16 - Heat from solid fueled equipment -----	1
G 2 - HEAT FROM ELEC. EQUIP. ARCING OR OVERLOAD	
G 21 - Short circuit arc, water caused -----	3
G 22 - Short circuit arc, mechanical damage-----	6
G 23 - Short circuit arc, defective or worn insulation-----	21
G 24 - Short circuit arc, unspecified -----	243
G 25 - Arc from faulty contact, loose or broken connection or conductor	1
G 27 - Heat from overloaded equipment, incl. wire and motor-----	27
G 28 - Fluorescent light ballast-----	16
G 29 - Heat from elec. equip. arcing or overloaded, not else.class.--	10
G 3 - HEAT FROM SMOKING MATERIAL, IN USE OR AFTER USE	
G 31 - Cigarettes-----	864
G 32 - Cigar-----	6
G 33 - Pipe-----	4
G 39 - Heat from smoking material not else. class.-----	10
G 4 - HEAT FROM MISC. OR OPEN FLAME OR SPARK	
G 41 - Cutting torch operations-----	15
G 42 - Welding torch operations-----	9
G 43 - Torch operations other than cutting and welding, including plumbers torch, blow torch, Bunsen burner, soldering, paint stripping-----	19
G 44 - Candle,taper -----	12
G 45 - Match-----	160
G 47 - Open fire, includes campfire, bonfire, flare, open trash fire	156
G 48 - Backfire from internal combustion engine-----	169
G 5 - HEAT FROM HOT OBJECT	
G 51 - Heat or spark from friction, incl. tire overheating-----	10
G 52 - Molten or hot material, includes molten metal, hot forging and hot casting-----	9
G 53 - Hot ember or ash-----	16
G 54 - Light bulb-----	7
G 55 - Rekindle or re-ignition-----	38
G 56 - Heat from properly operating electrical equipment-----	9
G 6 - HEAT FROM EXPLOSIVES AND FIREWORKS	
G 63 - Fireworks including sparklers-----	3
G 65 - Model rocket-----	1
G 7 - HEAT FROM NATURAL SOURCE	
G 72 - Spontaneous ignition-----	45

Bureau of Combustibles (18)

YEARLY
TOTAL

G - FORM OF HEAT OF IGNITION (Continued)

G 8 -HEAT FROM ANOTHER HOSTILE FIRE-EXPOSURE

G 81 - Heat from direct flame or convection currents-----	36
G 82 - Radiated heat-----	29
G 83 - Heat from flying brand, ember or spark-----	31
G 84 - Conducted heat-----	11

J-ACT OR OMISSION

J 1 - INCENDIARY ACT

J11 - Incendiary act - Not during civil disturbance-----	236
--	-----

J 2 - SUSPICIOUS ACT

J 21 - Suspicious act---- Not during civil disturbance-----	122
---	-----

J 3 - MISUSE OF HEAT OF IGNITION

J 31 - Abandoned or discarded material, cigarette, cigar, etc.---	874
J 33 - Falling asleep or mental lapse , a physical handicap,alcoholism	17
J 34 - Inadequate control of open fire, incl. smoking out animal	16
J 35 - Cutting or welding too close -----	34
J 36 - Children with or child playing-----	338

J 4 - MISUSE OF MATERIAL IGNITED

J 41 - Fuel spilled accidentally-----	20
J 43 - Flammable liquid used to kindle fire-----	1
J 44 - Washing part, cleaning-----	6
J 45 - Improper container-----	1
J 46 - Combustible placed to close to heat-----	5
J 48 - Children with or child playing-----	62

J 5 - MECHANICAL FAILURE OR MALFUNCTION

J 51 - Part failure, leak, break, etc. -----	36
J 52 - Automatic control failure-----	207
J 53 - Manual control failure-----	11
J 54 - Short circuit-----	96
J 55 - Lack of maintenance, worn out-----	14

J 6 CONSTRUCTION, DESIGN OR INSTALLATION DEFICIENCY

J 61 - Design deficiency includes detectors with too low setting installed in places of assembly or improper type detector for a particular room or area-----	504
J 63 - Installed too close to combustibles-----	2
J 64 - Other installation deficiency-----	6

SCHOOL	ACTUAL FIRE	PUBLIC SCHOOL REPORT		OTHER ACCIDENTAL	TOTAL RESPONSES
		FALSE ALARM	ALARM MALFUNCTION		
Abbingtong Avenue		12	6	4	22
Alexander Street	2		3	2	7
Alyea Street		2	2		4
Ann Street	1	1	9		11
Arts High	3	8	14	1	26
Avon Avenue	1	4	7		12

Bureau of Combustibles (19)

Public School Report (Continued)

<u>SCHOOL</u>	<u>ACTUAL FIRE</u>	<u>FALSE ALARM</u>	<u>ALARM MALFUNCTION</u>	<u>OTHER ACCIDENTAL</u>	<u>TOTAL RESPONSE</u>
Barringer		1		1	2
Belmont-Runyon		2			2
Bergen Street		5	1		6
Bragaw Avenue		2	2		4
Boylan Street		1	2		3
Branch Brook				1	1
Broadway Jr. H.S.		23	7		30
Bruce Street		4	3	3	10
Burnet Street	2	10	15	3	30
Central Ave		19	13	2	34
Central H.S.		2			2
Camden Street		3	8	2	13
Chancellor Ave	1	17	6		24
Charlton Street	2	22	8	1	33
Cleveland		8	21	1	30
Clinton Pl. Jr. H.S.	3	25	7	3	38
Dayton Street	7	17	4	9	37
East Side H.S.	7	4	19		30
Eighteenth Ave.		11	10	3	24
Elliot Street		3	5		8
Fifteenth Ave.	1	15	8	1	25
First Avenue		2	6	1	9
Fourteenth Ave.		20	3	2	25
Franklin		5	5	1	11
Garfield		8	7	2	17
Girls Trade	3			1	4
Hawkins St	1	3	14		18
Hawthorne Ave		24	5		29
Hudson Street		1	4	2	7
Lafayette Street		1	7		8
Lincoln School		15	6	2	23
Madison		14	10	2	26
Maple Ave.		18	11	2	31
McKinley	1	2	5	3	11
Miller Street		24	8	4	36
Montgomery Street		13	2	1	16
Morton Street	2	6	10		18
Mt. Vernon	2	2	5	1	10
Newton Street		24	5	1	30
Oliver Street		1	7		8
Peshine Avenue		12	12	2	26
Quitman Street	1	11	4	1	17

Bureau of Combustibles (20)

	<u>ACTUAL FIRE</u>	<u>FALSE ALARM</u>	<u>ALARM MALFUNCTION</u>	<u>OTHER ACCIDENTAL</u>	<u>TOTAL RESPONSES</u>
Ridge Street		2	1		3
Robert Treat	1	63	31	7	102
South Street			3		3
South Eighth Street	2	68	13	2	85
South Eleventh St		3	1		4
South Market Street				1	1
South Seventeenth St.		5	6	1	12
South Side H.S.	3	7	3	2	15
South Tenth St	-	-	-	-	-
Seventh Ave JrH.S.	1	4		1	6
Speedway Ave.		1		1	2
Summer Ave	1	4	4	1	10
Sussex Ave	2	16	7		25
Vailsburg H.S.	1	3	7	2	13
Warren St		12	5		17
Waverly Avenue		5	6	2	13
Webster Jr H.S.	2	7	6	2	17
Weequahic H.S.	2	20	14	2	38
West Side H.S.	4	55	12	1	72
West Kinney Jr.H.S.	-	-	-	-	-
Wickliffe Street				1	1
Wilson Avenue		7	6	2	15
Woodland Avenue	1	1	1		3
Peshine Ave Annex				1	1
Sussex Ave Annex			3		3
Lyons Ave Annex			2		2
1970 TOTALS	60	698	451	39	1,302
1969 TOTALS	38	488	504	95	1,125
	<u>ACTUAL</u> FIRES	<u>FALSE</u> ALARMS	<u>ALARM</u> MALFUNCTION	<u>OTHER</u> ACCIDENTAL	<u>TOTAL</u> RESPONSES

ARSON SQUAD

Annual Report submitted by
Battalion Chief Joseph L. Starrs
for the year ending December 31, 1970

The following is a report of the activities of the Arson Squad of the Newark Fire Department for the year 1970.

The complete records of all investigations conducted by the Arson Squad, including evidence, photographs, statements, etc., are on file in the Arson Squad office, and will be made available at any time, to proper authorities, where needed for deposition, Grand Jury presentation, criminal prosecution, civil suit, or for any purpose demanded by law.

Records of adult arrests, juvenile apprehensions, together with court disposition of these arrests, are on file in the Arson Squad office, and will be made available to the proper authorities on request.

The Arson Squad has maintained a daily association with other municipal bureaus of government - Newark Police Department, Youth Aid Bureau, Board of Education, and the Fire Prevention Bureau.

Throughout the year, we have worked at various times with the American Insurance Association, Essex County Prosecutor's Office, Federal Bureau of Investigation, New Jersey State Motor Vehicle Department, and other state and national agencies. These agencies have given us important assistance in many of our investigations.

OTHER ACTIVITIES

Four new members of the Arson Squad were given intensive training in the handling and use of firearms, under the supervision of the Newark Police Department. After passing qualification tests on the Police firing range, they were issued firearms and sworn as Special Policemen under City Ordinance. Veteran members of the Arson Squad received re-training at the firing range, each man firing six hundred rounds.

Since February 1st, all Signal Eleven Alarms were automatically assigned to the Arson Squad for investigation. This added assignment amounted to 401 Signal Eleven's for the eleven-month period, and is partially responsible for the increase in Arson investigations, roughly 12% over 1969. In the year 1970, this Squad investigated approximately 18% of all fires in the City.

During the month of December, the Fire Department sponsored a two-day seminar on Arson and Fire Prevention at the Newark Police and Fire Training Academy. This seminar was open to all Police and Fire personnel throughout Essex County on a no-fee basis. It was attended each day by 90 men from 19 different communities. Speakers for the Arson Section of this seminar, were supplied by the Newark Fire Department Arson Squad, Bureau of Central Purchase, Newark, the Federal Bureau of Investigation, Essex County Prosecutor's Office, and the Newark Police Department.

All field captains of the Newark Fire Department were instructed at the Newark Police and Fire Training Academy in "The Fireman's Responsibility in Arson Detection". The classes were limited to groups of ten or twelve captains, so that there would be no interference with Fire Department operations. These lectures were given by Captain James Dalton of the Arson Squad staff. The same discourse was given by Captain Dalton to the members of the Detective Bureau, at the request of the Police Department.

Arson Squad (2)

<u>YEAR</u>	<u>INVESTIGATIONS</u>	<u>FALSE ALARMS</u>	<u>ADULT ARRESTS</u>	<u>JUVENILE ARRESTS</u>	<u>MANPOWER</u>
1954	406	716	12	22	10
1955	358	576	11	49	9
1956	319	759	12	36	6
1957	301	803	26	38	7
1958	326	813	34	31	7
1959	420	786	24	39	7
1960	514	1,115	37	61	10
1961	592	1,460	17	77	8
1962	596	1,897	49	91	13
1963	655	934	57	208	14
1964	544	917	61	185	17
1965	709	874	58	92	16
1966	830	981	45	98	16
1967	704	1,702	32	130	16
1968	1,070	2,991	41	136	16
1969	1,217	3,498	54	141	16
1970	1,452	4,203	43	127	17

	<u>1969</u>	<u>1970</u>
Total number of Fire Alarms including signal 5's -----	15,871	17,095
Total number of false alarms -----	3,498	4,203
Total number of alarms minus false alarms -----	12,373	12,892
Total number of fires -----	8,556	8,110
Total number of fires investigated by Arson Squad -----	1,217	1,452
Percentage of the total number of fires investigated by Arson Squad -----	14.22%	17.93%
Total number of fires investigated including complaints answered by the Arson Squad that are incendiary or undetermined -----	804	952
Percentage of fires investigated by Arson Squad that were incendiary or undetermined -----	66.06%	65.56%

DEATHS BY FIRE 1970

<u>DATE</u>	<u>TIME</u>	<u>STATION</u>	<u>ADDRESS</u>	<u>SEX</u>	<u>AGE</u>	<u>CAUSE</u>
1/14/70	6:41 A.M.	2225	Edison & Lawrence Sts	M	47	Flammable liq.spill
1/27/70	12:48 A.M.	2312	18 Chestnut St.	M	81	Undetermined
1/29/70	2:31 A.M.	5328	Wilson Ave & Tnpke	M	49	Truck Accdt & fire
2/7/70	3:28 A.M.	1248	164-166 Bruce St.	F	3	Incendiary
2/15/70	3:33 A.M.	2317	124 Orchard St.	M	56	"
3/2/70	10:20 A.M.	3216	210 Passaic St.	M	52	Train Accident
4/4/70	12:22 A.M.	4452	606 So. 10th St.	F	56	Incendiary
4/4/70	12:22 A.M.	4452	606 So. 10th St.	M	11	"
4/4/70	12:22 A.M.	4452	606 So. 10th St.	M	10	"
4/4/70	12:22 A.M.	4452	606 So. 10th St.	F	45	"
4/4/70	12:22 A.M.	4452	606 So. 10th St.	M	55	"
4/10/70	4:52 A.M.	2312	19 Lincoln Park	M	63	Electrical
4/10/70	4:52 A.M.	2312	19 Lincoln Park	M	84	"
4/12/70	12:10 P.M.	4158	738 High St.	M	73	Careless Smoking
5/15/70	12:23 A.M.	3423	142 No. 13th St.	M	7	Incendiary
5/15/70	12:23 A.M.	3423	142 No. 13th St.	M	3	"
5/15/70	12:23 A.M.	3423	142 No. 13th St.	M	4	"
5/15/70	12:23 A.M.	3423	142 No. 13th St.	F	5	"
5/15/70	12:23 A.M.	3423	142 No. 13th St.	M	24	"
5/15/70	12:23 A.M.	3423	142 No. 13th St.	M	56	"
6/26/70	7:33 A.M.	4452	556 So. 10th St.	F	74	"
7/1/70	2:03 A.M.	5155	625 Ferry St.	M	2	"
7/1/70	2:03 A.M.	5155	625 Ferry St.	M	9	"
7/1/70	2:03 A.M.	5155	625 Ferry St.	M	7	"
7/1/70	2:03 A.M.	5155	625 Ferry St.	M	5	"
7/1/70	2:03 A.M.	5155	625 Ferry St.	F	2	"
7/1/70	2:03 A.M.	5155	625 Ferry St.	F	50	"
7/1/70	2:03 A.M.	5155	625 Ferry St.	M	34	"
7/7/70	2:17 A.M.	3516	693 Broadway	M	52	"
8/29/70	4:09 P.M.	3252	101 Peabody Pl.	M	52	Careless smoking
10/3/70	1:57 A.M.	3221	121 Mt. Pleasant Ave	M	44	Careless smoking
10/24/70	10:48 P.M.	3536	684 Parker St.	M	56	Careless smoking
11/18/70	12:02 P.M.	4261	802 Bergen St.	F	82	Overheated GreaseStove
11/18/70	12:02 P.M.	4261	802 Bergen St.	F	3	" " "
11/20/70	11:09 A.M.	5165	23 Madison St.	F	68	Careless smoking
12/6/70	2:09 A.M.	3749	450 Broad St.	M	65	" "

TOTAL DEATHS BY FIRE FOR YEAR 1970

Adult Male	17
Adult Female	6
Juvenile Male	9
Juvenile Female	4

Total 36

Arson Squad investigations into fires that occurred during 1970

<u>Type of Structure</u>	<u>No. of Investigations</u>
1. Public Assembly	
a. Government buildings	3
b. Taverns, clubs, dance Halls	7
c. Schools	57
d. Amusement buildings	2
e. Churches	4
2. Dwellings	
a. Hotels/motels	12
b. Rooming houses	16
c. Tenements, apartment houses	841
d. Stores and dwellings	71
e. 1 and 2 family dwellings	47
3. Institutions	
a. Hospitals	6
b. Nursing homes	1
c. Orphanages	1
4. Mercantile	
a. Office buildings	4
b. Small retail	16
c. Large single occupancy	5
d. Multiple occupancy	2
e. Wholesale houses	1
f. Storage warehouses	23
g. Restaurants	6
h. New building under construction	1
5. Manufacturing	
a. Textile - fabric	8
b. Metal Shops	3
c. Woodworking	3
d. Food products	2
e. Chemical works	3
f. Flammable liquids, gas	1
g. Multiple occupancy	2
h. Factories	27
j. Electrical power distributor	1
6. Miscellaneous	
a. Lumber yards	1
b. R. R. wharves and properties	4
c. Bulk oil and gas storage	1
d. Public garages	3
e. Private garages	20
f. Service stations	4
g. Miscellaneous sheds, mail boxes	32
h. Vehicles	91
i. Rubbish	115
j. Brush and grass	16

ARSON SQUAD (5)

JUVENILE ARREST RECORD

MONTH	300 - Y A B	300 - REPRIMAND	100 - Y A B	100 - REPRIMAND	OTHER
January	1-Miller St. School	1-Quitman St. School 1-Newton St. School 1-So.Orange & Prince	1-Alexander St. School 2-Mail Box-Hahne & Co.	1-84 Boyd St	
8					
February		1-13th Ave. & Bruce		1-578 Bergen St.	
2					
March		1-Newton St. School 1-Quitman St.School 3-So. 8th St.School 1-14th Ave. School	1-473 So. 17th St.	2-318 Dayton St. 1-329 Sussex Ave 1-Mt. Vernon School	1-Interference with Fireman --Reprimand
12					
April	3-Oriental & Mt. Pleasant Ave.	1-Central Ave.School 1-Franklin St.School 1-Walnut &Orchard Sts 1-McKinley St.School	2-Dawson & Thomas Sts Auto 1-744 High St.	3-25 Pine Grove Ter 1-414 So. 18th St.	2-Sig.200-Arson Homicide-606 So.10th St. YAB
16					
May	1-So.Orange & So. 12th St. 1-10th St. & Central Ave.	1-Park & Roseville 1-Cleveland Jr.H.S. 1-15th Ave School 1-Springfield & Broome 1-178 Dayton St.	1-282 Mt.Pleasant Ave 1-So. 8th St.School 1-270 Camden St. 1-Branford & Arlington	2-85 Manor Dr. 1-14 Avon Pl.	1-293 N.Y.Ave- Smoke Bomb- YAB 1-Sig.200-Arson/ Homicide-142 No 13th St.-YAB
16					
June	1-16th Ave & 7th St. 4-Weequahic H.S. 1-488 So.Or.Ave.	1-Sussex Ave.School 1-7th Ave.&Ruggerio Plaza	1-92 7th Ave.	1-146 So. 9th St. 1-High & Sheffield Dr.-Auto 1-539 So. 12th St.	
12					
July	3-So.Orange & Brookdale Ave.			1-1 Riverview Ct. 2-83 Waverly Ave. 1-550 No. 9th St. 1-28 Governor St. 1-67 Mercer St.	

MONTH	300-YAB	300-REPRIMAND	100-YAB	100 - REPRIMAND	OTHER
August 6		1-South St. School 1-Peshine Ave. School	2-147 Orchard St. 1-Rear of 75 Clinton Ave. 1-488 So. Orange Ave		
September 16	1-Lincoln & Court 1-54 Clinton Pl.	1-15th Ave. School 1-16th Ave & 16th St 1-Chestnut St. School 1-So. 8th St. School 1-14th Ave School 1-Dayton St. School	1-84-7th Ave 1-731 So. 18th St. 6-100 Tiffany Blvd		
October 6		1-Springfield & Broome 1-52 Clinton Pl.	1-486 Clinton Ave. 1-361 Springfield Ave	1-136 James St.	1-787 Hunter- don St.
November 15	1-7th Ave & No. 6th 1-Broadway Jr. H. S.	1-Maverly Ave. School 3-Broadway Jr. H. S. 1-Madison Ave. School 1-Clinton Pl. Jr. H. S.	1-132 Hunterdon St. 1-258 Fairmount Ave. 1-438 So. 18th St.	1-178 Camden St. 3-266 Park Ave.	
December 5	1-So. 8th St. School	1-Greenlake & Agate Pl 2-18th Ave. School		1-Sussex Ave School	
Total	20	40	29	28	6

ARSON SQUAD (6)
JUVENILE ARREST RECORD

ARSON SQUAD (7)
ADULT ARREST RECORD

MONTH	300	DISPOSITION	100	DISPOSITION	OTHER
January	1-Clinton Ave. & Stratford Pl. 1-Market & Ferguson Sts.	30 days - Essex County Jail Sent to MMC for treatment			
February			1-72 Waverly Ave. 1-719 Bergen St. 1-410 Bergen St.	Grand Jury Grand Jury -\$250. Bail Wanted on Warrant	1-164-166 Bruce St. Arson/ Homicide Sig200 Grand Jury
March	1-Washington & William 1-Orange & Univ. 1 Waverly & Jelliff	30 days-Essex County Jail MMC - Lyons Hosp. 30 days - Essex County Jail	1-168 James St. 1-66 So. Orange Ave	MMC- 10 south Grand Jury-\$1,000 Bail	
April	1 Pennington & Broad	30 days - Essex County Jail			
May	1-Kinney & Broad St.	20 days - Essex County Jail	1-322 W. Kinney St. 1-282 Mt. Pleasant	Warrant Issued Grand Jury	
June			1-58 Johnson Ave. 1-67 Wickliffe St. 1-177 Peshine Ave. auto	Grand Jury 90 days Essex Co Jail Grand Jury	
July	1-Broad & Governor	3 months susp. sentence - 1 year probation	1-471 So. 11th St. 1-100 Summit St.	60 days - Essex County jail 60 days-Essex County jail	1-693 B'dway Sig 200 Arson/ Homicide Sent to MMC-10 south

MONTH	300	DISPOSITION	100	DISPOSITION	OTHER
August 2	1-Broad & Governor Sts 1-Broad & Governor Sts	90 days suspended sentence 30 days suspended sentence			
September 3	High & Court	1 year probation	1-2Hazel Pl 1-123 Keer Ave.	1 year suspended sentence 6 months suspended sentence	
October 8	1-Broad & Governor 1-Jefferson & Malvern	6 months - Essex County Jail MMC-10 south Trenton State	1-191 Bruce St. 1-617 Hunterdon St. 1-2 Sheffield Dr. 1-342 W. Kinney St. 1-5 Vincent St.	60 days suspended \$1,000 bail Grand Jury \$1,000 bail Grand Jury 6 months susp. Bench warrant issd.	1-265 Littleton Ave. attemptarson Grand Jury\$1000 bail
November 6	1-So. Orange & Prince 1-Rose & Barclay	Postponed Not Guilty	1-320 Belmont Ave. 1-449 Springfield 1-48 Ridgewood Ave. 1-297 Weequahic Ave.	Grand Jury-No bail Referred to Pros. 2 weeks, Essex County Jail Postponed	
December 1			1-320 Broadway	Postponed	
TOTAL	15		24		3

Annual Report 1970

TOTAL LOSSES PAID JANUARY TO AUGUST

	<u>BUILDING</u>	<u>CONTENTS</u>
January	\$432,609.78	\$105,401.17
February	410,121.38	55,477.18
March	200,659.92	36,259.55
April	412,346.77	15,333.85
May	296,963.33	82,115.00
June	92,850.00	22,865.45
July	117,382.65	22,750.65
August	<u>113,640.90</u>	<u>46,139.70</u>
Totals	\$2,076,574.73	\$386,342.55

Vehicle Loss - \$105,500.00

Combined Total Paid - \$2,568,417.28

ESTIMATED LOSSES SEPTEMBER TO DECEMBER

September	\$147,004.02	\$ 61,320.10
October	169,850.91	54,419.06
November	135,891.36	63,127.79
December	<u>123,820.78</u>	<u>100,208.86</u>
Totals	\$576,567.07	\$279,075.81

Estimated Vehicle Loss - \$50,000.00

Combined Losses September to December - \$905,642.88

Estimated Total for 1970 - \$3,474,060.16

Per Capita Loss - \$8.57 - based on 1960 Census Pop. 405,220

Fire Loss Record Bureau (2)

Procedures of the Fire Loss Record Bureau:

1. Obtain daily record of fires from Fire Alarm Operators' daily alarm sheets.
2. Check with companies first due at fire scene.
 - a. Location by street.
 - b. Location in building.
 - c. Extent of involvement.
 - d. Owner and tenancy.
3. Writing and filing of permanent record.
4. Inspection of premises by a member of this detail.
 - a. Recheck of points "a" to "d" above.
 - b. Insurance data as to coverage and notification of owners.
 - c. Names of insurance companies and agents involved.
 - d. Whether or not adjuster has been engaged, and name of same.
5. Interview by personal call from this office to verify above "c" and "d".
6. Permanent record of losses and monthly total of losses.
7. Annual written report to Fire Chief.

This detail is often called on for information which may not be available in other forms, and occasionally it has access to information which may benefit certain investigations made by other city divisions or departments.

This detail has a wide acquaintance with insurance carriers and agents; in certain instances it may deal directly with home office of the insurance carriers.

In April 1964, we put into operation a new program with the insurance carriers. This program is an attempt by both the Fire Department and the insurance companies to reduce fire losses. As of this date the program is continuing and becoming well known by carriers who underwrite in Newark. It has been met with whole-hearted approval by the executives of the leading companies.

NOTE: This detail has no legal authority to obtain or force information as to financial settlements from any interested party. The results obtained are strictly by reason of cooperation between this office and insurance companies who suffered losses. In the case of incipient fires, certain standards are applied as "Estimated Losses"; where loss is heavy, it is easier to obtain a more accurate record of actual payment to the assured.

In addition to the activities mentioned above, control sheets for each fire to be investigated, other than Arson and Signal 11's, are set up, recorded and filed after investigation.

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FIRE ALARM AND RADIO DIVISION

Annual Report submitted
for the year 1970

James E. Caufield
Chief, Fire Signal Systems Operations

Edward W. Przybylowicz
Chief, Fire Signal System, Constr./Maint.

In compliance with the Rules and Regulations of the Fire Department, we herewith respectfully submit the Annual Report of this Division for the year 1970:

Subterranean cable installed, feet of conductor-----	194,460
Subterranean cable removed, feet of conductor -----	14,970
Subterranean ducts cleaned and rodded, feet-----	15,728
Pull wire installed in subterranean ducts, feet-----	12,816
Line wire installed, feet-----	14,140
Twin conductor Rur-a-line installed, feet-----	1,000
Galvanized messenger wire installed, feet-----	151
Line wire removed, feet-----	12,450
Pole transfers completed-----	84
Construction on poles released only-----	48
Fire alarm boxes installed-----	8
Fire alarm boxes relocated-----	2
Stanchions erected or reset -----	7
Junction boxes installed-----	2
Stanchions/junction boxes rehabilitated-----	34
Cross-arms installed-----	76
Tree guards installed-----	19
Ground rods installed-----	23
Fire alarm boxes wound-----	5,046
Fire alarm boxes inspected and tested-----	306
Trees trimmed-----	84
Radio emergency generator test run, hours-----	48
Fire house battery sets serviced, number -----	185
Fire alarm boxes removed for modification -----	13
Modified fire alarm boxes installed -----	19
Circuit patrol, miles -----	185
Major job operations completed by Line crews-----	757
Preventive and corrective maintenance jobs in other areas--	1,241

In the absence of an abnormality during inclement weather, members perform housekeeping functions, maintain fire house instruments, etc.

It is generally recognized that maintenance of a fire alarm or any other type system should never be permitted to exceed the capacity of available facilities nor should the cost of using these facilities for continued maintenance become uneconomical.

Fire Alarm and Radio Division (2)

In line with this concept, we searched for and had procured expendable and non-expendable materiel and equipment which is much more diversified and capable of greater durability than that which heretofore served as standard in this field.

This dramatic change pointed up the need for the second step - a revised training process. Consequently, a sustained on-the-job training program was initiated to establish and maintain a high degree of proficiency in our operation with the aforementioned equipment, etc.

May I, on the behalf of the entire membership of the Construction and Maintenance Division of the Fire Signal System, extend thanks to all concerned for cooperation and assistance received in the year 1970.

CENTRAL OFFICE FORCE:

1. Alarms transmitted-----	19,603
2. False Alarms received-----	4,203
3. Box tests supervised-----	309
4. Tests from private fire alarm companies supervised-----	1,945
5. Tests conducted of Airport fire alarm facilities -----	730
6. Telephone calls handled over P.B.X. switchboard (approx.)	594,000
7. Radio calls handled (approx.)-----	216,000
8. Number of circuits completely tested-----	66,430
9. Miscellaneous reports prepared and distributed-----	8,000
10. Individuals and agencies dispatched to multiple alarm incidents by telephone-----	2,050
11. Other minor job operations completed: Performed janitorial duties, bookkeeping functions, etc.-----	2,800

CENTRAL OFFICE REPAIR SHOP MAINTENANCE FORCE:

1. Auxiliary Central Office power plant #1 (hours tested) -----	60.6
" " " " " #2 (hours tested) -----	5
3. Recorders and time stamps inspected and tested-----	16
4. Other job operations completed: Rewired fire-alarm boxes and firehouses; repaired electrical apparatus; repaired Aerotrons, etc.-----	532

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1. GONG ALARMS TRANSMITTED TO THE DEPARTMENT.															Jan	Feb.	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
(a)	Full assignment alarms (Response of all units normally scheduled)	473	524	600	609	739	688	716	608	560	555	550	472	7094													
(b)	Signal 8 Alarms. (Response limited to an Eng. Co., Truck Unit and Batt. Chief	312	263	349	349	417	396	388	389	309	348	312	333	4165													
(c)	Signal 9 Alarms (Two Eng. Co. a Truck Unit and Batt. Chief	6	8	11	23	38	56	24	39	14	21	33	19	292													
(d)	Total of the foregoing	791	795	960	981	1194	1140	1128	1036	883	924	895	824	11551													
2. ONE UNIT ALARMS TRANSMITTED TO THE DEPARTMENT.																											
(a)	Signal Five Alarms (for minor outside incidents, parades, drills, etc.)	650	567	720	961	706	615	695	685	621	599	611	622	8052													
3.	TOTAL ALARMS IN ALL CATEGORIES. Alarms in Para. 1 and 2 combined.	1441	1362	1680	1942	1900	1755	1823	1721	1504	1523	1506	1446	19603													
4. METHOD BY WHICH CENTRAL OFFICE RECEIVED ALARMS.																											
a.	From municipal Fire Al. Box	345	411	565	586	747	738	674	638	557	612	552	423	6848													
b.	From Public by telephone	370	320	349	351	402	358	415	367	287	282	303	365	4169													
c.	From American District Tele. private automatic systems	46	28	22	13	21	20	14	14	14	12	18	15	237													
d.	From Newark District Tele. private automatic systems	8	10	3	4	4	6	4	5	5	4	4	6	63													
e.	From Electro Protective Co.'s private automatic systems	4	8	2	2	5	2	3	4	5	3	6	3	47													
f.	From Central Office Alarm Co. private automatic systems	4	4	5	4	3	1	1	1	2	1	0	2	28													
g.	From A.F.A. Company private automatic systems	0	0	0	0	0	0	0	0	0	0	1	0	1													

CENTRAL OFFICE
Communications and Operations (2)

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	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
h. Telephone alarms initially communicated to Police Dept. by the public and relayed to the Fire Dept.	6	5	7	4	3	8	11	4	7	3	6	2	66
i. Telephone alarms initially routed to other Fire Depts., relayed to this Central Office by them.	0	0	0	0	0	0	0	0	1	0	0	0	1
j. Fires reported by personal visit to fire house	4	3	2	3	5	1	1	0	2	2	1	6	30
k. Alarms ordered by radio from Department units in the field	4	6	5	14	4	6	5	3	3	5	4	2	61
Total Paragraph 1	791	795	960	981	1194	1140	1128	1036	883	924	895	824	11551
5. MULTIPLE ALARMS.													
a. Second Alarms (incidents handled by two full assignmt responses	5	3	6	9	5	4	4	4	4	2	2	7	55
b. Third Alarms (incidents handled by three full assignmt responses	1	3	1	5	1	2	1	0	0	0	0	0	14
c. Fourth Alarms (incidents handled by four full assignmts)	0	0	0	0	0	0	0	1	1	0	0	2	4
Total Multiple Alarms	6	6	7	14	6	6	5	5	5	2	2	9	73
6. ALARMS FROM FIRE BOXES.													
a. Total number of fire alarm boxes pulled for incidents	443	550	739	840	1052	1018	733	790	731	786	792	598	9072
b. Number of signals from fire boxes suppressed because alarm had been already transmitted	99	71	111	225	270	268	239	147	166	158	213	167	2134

CENTRAL OFFICE
Communications and Operations (3)

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
7. REPORTS FOR SAME FIRE RECEIVED THROUGH TWO UNRELATED MEDIUMS a. Confirming alarm rec'd from fire box after notice by phone b. Confirming telephone notice rec'd after alarm from fire box c. Total number of incidents where alarm was rec'd by one medium only d. Total number of incidents where alarm was rec'd through more than one medium	13	13	31	24	27	26	26	23	13	15	14	15	240
	23	18	28	29	18	16	15	20	21	18	27	20	253
	755	764	901	928	1149	1098	1087	993	849	891	854	789	11058
	36	31	59	53	45	42	41	43	34	33	41	35	493
8. UNITS RELOCATED TO PROVIDE EQUAL COVERAGE OF THE CITY DURING EMERGENCIES	122	103	108	155	115	73	85	61	62	40	45	98	1067
9. TELEGRAPH SIGNALS TRANSMITTED	6881	6996	8344	9032	9967	9336	9845	8635	7730	7704	7599	6996	99065
10. UNITS ENROUTE TO ALARMS STOPPED BY RADIO AND PUT IN SERVICE	3480	3498	4224	4316	5253	5016	4963	4558	3885	4066	3938	3625	50822

SPECIAL SERVICE AND SUPPLY COMPANY

Annual Report submitted by
Deputy Chief Arthur D. Marsh
for the year 1970

The Special Service Division, working on a 24 hour a day basis throughout the year, continued to provide the functional activities of Supply and Repair Service to the various department units and assistance to the community in general. These activities were carried out by personnel, some of whom worked on tours and some on daytime basis only. Programs planned for the year were carried out and new ones formulated for next year. The accomplishments and services of the several sections of Special Service Division are as follows:

DELIVERY AND PICK-UP SERVICE. Deliveries and pick-ups were made on a scheduled morning and afternoon basis for routine items. Items of an emergency nature were picked up or delivered at any hour of the day or night. Items handled were such things as housekeeping supplies, tools, equipment, extinguishers, oxygen and air cylinders, masks, tables, chairs, and other pieces of furniture, lockers, rock salt, ladders, hose, and many others requiring transportation.

Fire apparatuses needing repair were picked up and taken to the Bureau of Motors or to an outside repair agency as required, and replacements were delivered to the companies concerned.

MESSENGER SERVICE. The Department messenger carried out his prescribed duties daily, except weekends and holidays, going to all chiefs' quarters and to Fire Headquarters twice daily. He also performed other services relating to activities of this division.

GAS MASK SHOP. Masks were ordered, received and assigned to companies as needed. All damaged masks were repaired (if possible) or new masks were issued in their place. Repairs were also made to E and J resuscitators, their cases, the cases of masks, and on other items.

CANVAS SHOP. In addition to repairing canister holders, stretchers, etc., several other canvas items such as mask box covers, chain saw sheaths, generator covers, control pedestal covers for hook and ladder trucks, turret nozzle covers, foam can covers, etc. were made or repaired.

STOCK ROOM. All tools, equipment, devices and supplies (except those ordered directly through Fire Headquarters or by the Hose Shop) were ordered, received, checked, recorded, stored and distributed as needed to the fire units through the delivery service.

Many items to be ordered had to be researched as to quality, proper type and price, by contacting the supplier personally or by phone. For some items drawings were made for the manufacturer to follow in making the item in question.

Arrangements were made for outside repair of such equipment as portable pumps, portable generators, portable saws, the sharpening of chain saws, re-toothing of carbine tipped circular saws for K-12 partner cutters, explosimeters, and other items.

Special Service and Supply (2)

Supply Room personnel repaired porto-lites, flashlights, desk lamps, extension cords, K-12 saws, generators, etc. They also made special belts and straps, tested salvage covers, and made arrangements with the Carpenter Shop for replacing broken handles on axes, plaster hooks, hammers, etc., and for the construction of hose boxes, skid load panels, special cases for equipment and other needs of the Department.

APPARATUS MAINTENANCE. All fire apparatus were tested in accordance with accepted procedures. Arrangements were made for repairs to, and the replacement of, damaged or defective apparatus and other Department vehicles. A preventive maintenance program was conducted throughout the year so that each fire apparatus was called in for oil change, greasing, and general inspection every two months. Records show that this prevented several breakdowns, some possible accidents and personal injuries, and some major and extensive repairs.

In conjunction with the Chief of the Department and/or the Bureau of Motors, specifications for new apparatus were worked on. At times, after receiving new apparatus, the manufacturer or his agent were contacted and business carried on with them concerning specifications, malfunction of equipment, etc.

The Supervisor of Apparatus conducted a "Driver Education" program, approved several drivers and tillermen, and visited companies to solve problems concerning the maintenance or operation of apparatus. He also responded to all multiple alarms of fires to oversee the general operation of equipment, to correct malfunctions and to aid operators having difficulties.

HOSE SHOP. The Hose Shop kept all fire units properly supplied with hose. All hose in service in the Department was tested and all over-aged or defective hose was taken out of service. Damaged hose was repaired (if possible), as were nozzles, valves, adapters, hose fittings, brackets, and miscellaneous other equipment.

New hose, nozzles and other of the above-mentioned equipment were ordered as necessary, in quantity sufficient to insure a reserve on hand.

GENERAL.

Two new half-ton open pick-up trucks and one station wagon were received and placed in service early in the year. These vehicles replaced equipment which had been in service for many years.

Air tanks for Scott Air-Pac and M.S.A. masks were received, providing a supply of one extra air cylinder for each air mask in the field. Each mask in use at the present time has a capability of one full hour use. Additional oxygen tanks for resuscitators were received, replacing those that failed hydro test, and increasing our reserve supply.

Metal ladders of various sizes were received and placed in service, replacing unsafe or defective wooden ladders. The need for metal ladders continues to replace old wooden ladders, and a reserve is essential.

An inventory program and test control of gas pressure cylinders used in the Department was started late in the year. These cylinders include air tanks, oxygen tanks, C O 2 Tanks, dry powder extinguishers, air pressure water extinguishers and kero-test cylinders. A card system was started listing I.C.C.

Special Service and Supply (3)

serial numbers and test dates on each cylinder. All cylinders in the department have been listed and will be tested within I.C.C. requirement of every five years.

A survey of breathing equipment used in the field revealed the necessity of providing alarm devices on some, and the need of replacing worn out mechanical parts on others, some of which have been in use for twenty years. A program to up-date all masks is now in progress.

Arrangements were made with the Purchasing Department for the sale of over-age hose and scrap brass whenever sizeable amounts were accumulated.

Courses on special subjects, such as pump equipment, were conducted for recruits in conjunction with Department training program.

Community assistance activities included the following:

- Pumping out flooded cellars, basements and portable swimming pools at school playgrounds.

- Providing and operating portable electric generators, lamps and cables for outdoor recreational activities, such as stage shows and block parties in various neighborhoods during the year.

- Providing extinguishers for fire protection at various community functions.

Each subdivision of Special Service maintained records and file systems, and submitted the various required reports consistent with its duties and activities; engaged in the clerical work, correspondence and telephone communications essential thereto; and performed the housekeeping duties necessary to keep its quarters clean and in a presentable condition.

Annual inventory and statistical form reports have been submitted, and will serve as appendices in clarifying any of the information contained herein.

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ANNUAL REPORT
Submitted by
Supervisor of Apparatus
Daniel J. Tauriello

The following duties were performed during the year 1970:

Lectures and demonstrations	299
Preventive maintenance work on apparatus	288
Drivers and tillermen certified	52
Pumpers tested	65
Multiple alarms and other incidents responded to	73
Arrangements made for the change-over of apparatus for repairs	
Aerial ladders portable ladders, tools and equipment checked and inspected when apparatus was brought to Prospect Street, Special Service, for preventive maintenance work (approximately every three months)	
Records of the above-mentioned activities are kept in office of Supervisor of Apparatus	

APPARATUS AND VEHICLE INVENTORY

Pumpers	35
Spare pumpers	6
Aerial trucks	11
Aerial Platform	1
Spare aerial trucks	2
Rescue Squad	1
Fireboat	1
Chiefs cars (in the field)	10
Chiefs cars (staff)	6
Special Service trucks	4
Gas truck	1
Hi-Ex Foam truck	1

HOSE DIVISION

Annual Report for 1970
submitted by
Peter J. Carolan
Supervisor of Apparatus

The following is a report of the amount of fire hose in actual service, new hose in reserve, used hose on hand as of December 31, 1970.

Hose Inventory

2½"	In service with companies	988 - 50 ft. lengths	49,400 ft.
2½"	In reserve (used hose)	94 - 50 ft. lengths	4,700 ft.
2½"	In reserve (old hose)	150 - 50 ft. lengths	7,500 ft.
		<u>1,232 - 50 ft. lengths</u>	<u>61,600 ft.</u>
1½"	In service with companies	718 - 50 ft. lengths	35,900 ft.
1½"	In reserve (new)	17 - 50 ft. lengths	850 ft.
1½"	In reserve (old)	20 - 50 ft. lengths	1,000 ft.
		<u>755 - 50 ft. lengths</u>	<u>37,750 ft.</u>
3"	In service with companies	185 - 50 ft. lengths (2½" couplings)	9,250 ft.
3"	In service with companies	Various lengths	2,100 ft.
3"	In reserve (new) 100% Poly	5 - 50 ft. lengths (2½" couplings)	250 ft.
3"	In reserve (new) C & P	15 - 50 ft. lengths (2½" couplings)	750 ft.
			<u>12,350 ft.</u>
4½"	In service with companies	45 - 15 ft. lengths	675 ft.
4½"	In reserve (new)	8 - 15 ft. lengths	120 ft.
4½"	In Reserve (old)	4 - 15 ft. lengths	60 ft.
		<u>57 - 15 ft. lengths</u>	<u>855 ft.</u>
3/4"	In service with companies	238 - 50 ft. lengths	11,900 ft.
3/4"	In reserve (new)	11 - 50 ft. lengths	550 ft.
3/4"	In reserve (old)	6 - 50 ft. lengths	300 ft.
		<u>255 - 50 ft. lengths</u>	<u>12,750 ft.</u>
6"	In service with companies	34 - 10 ft. lengths (hard suction)	340 ft.
6"	In reserve (old)	4 - 10 ft. lengths	40 ft.
		<u>38 - 10 ft. lengths</u>	<u>380 ft.</u>
5"	In service with companies	26 - 10 ft. lengths (Hard suction)	260 ft.
5"	In reserve (new)	4 - 10 ft. lengths	40 ft.
5"	In reserve (old)	1 - 10 ft. length	31 ft.
		<u>31 - 10 ft. lengths</u>	<u>310 ft.</u>
4½"	In service with companies	24 - 10 ft. lengths (hard suction)	240 ft.
4½"	In reserve (new)	4 - 10 ft. lengths	40 ft.
		<u>28 - 10 ft. lengths</u>	<u>280 ft.</u>
2½"	In service with companies	2 - 10 ft. lengths (hard suction)	20 ft.

Hose Division (2)

New Hose Received

4½"	Boston Woven Hose (100% Poly)	6 - 30 ft. lengths	180 ft.
3"	Blaze Guard (100% Poly 2½" Coup)	30 - 50 ft. lengths	1,500 ft.
2½"	Blaze Guard (100% Poly)	60 - 50 ft. lengths	3,000 ft.
1½"	BiLateral CRL	30 - 50 ft. lengths	1,500 ft.
1½"	Blaze Guard CRL	120 - 50 ft. lengths	6,000 ft.
3/4"	Bilateral High Pressure	10 - 50 ft. lengths	500 ft.
<u>Total Received</u>			<u>12,680 ft.</u>

New Hose Issued

4½"	Boston Woven Hose (100% Poly)	6 - 30 ft. lengths	180 ft.
3"	Blaze Guard (100% Poly 2½" Coup)	29 - 50 ft. lengths	1,450 ft.
2½"	Blaze Guard CRL	1 - 50 ft. length	50 ft.
2½"	Blaze Guard (100% Poly)	58 - 50 ft. lengths	2,900 ft.
1½"	Boston Woven Hose CRL	11 - 50 ft. lengths	550 ft.
1½"	Bilateral Hose CRL	30 - 50 ft. lengths	1,500 ft.
1½"	Blaze Guard Hose CRL	103 - 50 ft. lengths	5,150 ft.
3/4"	Eureka (Booster Hose)	5 - 50 ft. lengths	250 ft.
<u>Total New Hose Issued</u>			<u>12,030 ft.</u>

Hose Repaired

4½"	15 ft. Soft Suction	34 - 15 ft. lengths	510 ft.
3"	Various lengths	18 - Various lengths	417 ft.
3"	50 ft. lengths (100% Poly 2½" Coup)	47 - 50 ft. lengths	2,350 ft.
2½"	50 ft. lengths	117 - 50 ft. lengths	5,850 ft.
1½"	50 ft. lengths	159 - 50 ft. lengths	7,950 ft.
3/4"	- 50 ft. lengths	49 - 50 ft. lengths	2,450 ft.
<u>Total Repaired</u>			<u>19,527 ft.</u>

Hose Tested

3" Hose	184 Various lengths	9,200 ft.
2½" Hose	1,257 - 50 ft. lengths	62,850 ft.
1½" Hose	854 - 50 ft. lengths	42,700 ft.
3/4" Hose	288 - 50 ft. lengths	14,400 ft.
<u>Total Tested</u>		<u>129,150 ft.</u>

Valves, Nozzles, Adapters, equipment and miscellaneous articles repaired or installed - total - 264.

SPECIAL SERVICE PERFORMANCE REPORT
for the year 1970
submitted by
Battalion Chief Herbert D. Planck

No. of alarms answered -----	61
No. of pickups and deliveries made-----	16,485
Smoke ejector on special calls -----	2
Hi-Ex Expansion Foam Unit on special calls-----	5
Gasoline distributed at fires -----	2,340 gal.
Oil distributed at fires -----	51 qts.
Diesel Fuel Oil distributed at fires-----	95 gal.
Floodlight cable used (feet)-----	1,100 ft.
Apparatus Changeover-----	1,223
Cellars pumped out-----	23
Hours spent pumping out cellars-----	85 hrs. 51 min.
No. of demonstrations conducted or attended-----	4
Portolites repaired -----	449
Portolite batteries distributed to companies-----	776
Liquid foam distributed to companies -----	680 gal.
Foam Powder distributed to companies -----	490 lb.
Oxygen cylinders refilled -----	340
Scott & M.S.A. air cylinders refilled -----	82
Masks repaired-----	542
Canvas covers for bags, boxes, deck, etc., and repairs-----	67
Hi-Ex Foam Used-----	185 gal.
Chemox Mask Canisters distributed to Companies-----	111
Acme Mask Canisters distributed to Companies-----	2,346
Ladders Repaired-----	62
Ladders repaired (feet)-----	1,399 ft.

TRAINING DIVISION

Annual Report submitted by
Deputy Chief Fred Crowley
for the year 1970

The following report lists the numerous and diversified activities conducted by the personnel of the Training Academy.

Academy Training:

	<u>Sessions</u>	<u>Hours of Instruction</u>	<u>Attendance</u>	<u>Man Hours</u>
Recruit	42	282	827	5,785
Refresher Subjects(Captains)	29	155	385	3,770
First Aid	35	210	400	3,000
Chiefs' Guidelines	3	6	24	56

Special Training:

Preventive Maintenance, care of apparatus, drafting and service tests, care of batteries, driver training, pump operations, brake and clutch, aerial ladder operations, diesel engines, relief valves, hydraulic systems, fire boat operations, heavy stream appliances, and use of adapters and threads.

Field Training:

Drills in Quarters - 12,670. Drills out of quarters - 1,809. Total - 14,409.

Hours of instruction - 16,570. Number of subjects - 607. Man/Hours - 72,976.

Demonstrations:

Table top, Fire Extinguishers, First Aid - Total 18. Attendance - 1,735.

Films:

Shown at Academy - 149. Attendance - 1,149. Loaned out - 49. Attendance - 3,453.

Other Activities:

Training Newark Police Recruits, delivering equipment to Task Force #1 Garage, Arson Seminar.

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COMMUNITY RELATIONS DIVISION
Annual Report submitted by
Deputy Chief Lawrence Caufield
for the year 1970

The essential purpose of the Community Relations Division is to provide the public with effective service day and night.

In the year 1970, the Fire Department Community Relations Division, in conjunction with other agencies which make up the Newark Disaster Coordinated Committee, was called on numerous occasions for assistance in providing help for victims of fire or other disasters. This Division maintained association on a daily basis with the Salvation Army, Red Cross, Civil Defense, Newark Housing Authority and Essex County Welfare to find housing, provide clothing and other essential needs to these victims.

In other endeavors throughout the year, this Division has worked closely with the Police Department's Storefronts, the Newark Board of Education, the Prudential Insurance Company, the Robert Treat Council of the Boy Scouts of America, Model Cities, WNJR, FOCUS, U.C.C., and Queen of Angels Church.

The Community Relations Division helped make programs of volunteer organizations more meaningful by bringing together various segments of the community for participation in these programs; maintained contact with Auxiliary Police and Firemen, Block Associations, Precinct Associations, etc.

The recruiting program for Firemen and Civil Service Test Preparation classes conducted throughout the year has helped to fill vacancies in the Fire Department, and there is now a standing list of eligible recruits.

SUMMARY OF ACTIVITIES

Movies shown in the street	105
Attendance at movies	6,365
(These were Fire Prevention subjects)	
Precinct Meetings attended	60
Block Association meetings attended	140
Attendance of public	5,122
Fires attended	332
Fire victims assisted	3,480
Special assignments	740
Toys collected and distributed to needy at Christmas	15,000
Civil Service Prep Classes held	34
No. of persons attending (Recruits)	56
Hours of Instruction	80

PHOTOGRAPHIC DIVISION

Annual Report
submitted by
Fireman Joseph Marino

The Annual Report of the activities of the Photographic Division for the year 1970, is herewith respectfully submitted:

Signal 100 - Arson or suspected	28
Signal 200 - Death at fire	14
Signal 11 - Fire buildings	232
Public Relations, (includes appointments, promotions, demonstrations, etc.)	54
Violations, Bureau of Combustibles	5
Special Assignments	25
Negatives made	3,020
Prints made	4,795
Assignments	362

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PLANNING DIVISION

Annual Report submitted by
Deputy Chief James P. O'Beirne
for the year 1970

The Planning Division is a staff function engaged in a continuous program of research and planning. The principal activity is obtaining and analyzing data and maintaining files on many phases of fire department activities.

The Fire Department Capital Program for the fiscal years 1971-1976 was prepared, approved by the Director and Fire Chief, then forwarded to the City Planning Office for submission to the Mayor. The requested projects under the six-year plan are:

1. Fire training area and Fireboat Relocation (Jersey Street and Passaic River).
2. Purchase of three pumping engines per year.
3. Purchase of two aerial ladder trucks in 1971, 1973, and 1975.
4. Modernization of fire houses.
5. Installation of overhead, automatic doors (12).
6. Central Fire Headquarters with quarters for Fire Engine Companies No. 2 and No. 20. (Springfield Avenue and Branford Place.)
7. Selective Gong Ringing and Voice Alarm.
8. New fire house for Fire Engine Co. No. 12 and Truck Co. No. 5, and a Fire Alarm Construction and Maintenance Division building. (Belmont Avenue area.)
9. New quarters for Fire Engine Co. No. 10. (Quitman Street and Clinton Ave.)

Information on the Fire Alarm Summary Sheets is recorded and analyzed. By use of U.S. Census Tract maps, the fire work load in the City is located by population and area. Total alarms, Signal 11's, multiple alarms and deaths at fires are recorded.

Information regarding injuries to personnel on duty and hostile acts of the citizenry against firemen on duty are being maintained in a running and comprehensive report. The Planning Unit has been designated to act as liaison in court cases resulting from assaults or interference with a fireman in the performance of his duties.

Attendance records of companies are filed in this office. They are analyzed to compile statistics relating to manpower shortages due to Sick Leaves, Vacations and Leaves of Absence.

Request from companies for repairs to quarters, exterminating services, etc., are brought to the attention of Public Works or other departments concerned.

The Chief Planning Officer has been designated to represent the Fire Department at the N.J. Air Pollution Control Board meetings. If an air pollution emergency is declared, he assists in fire department cooperation with Charles J. Maguire, head coordinator for the City.

Planning Division (2)

Reports, statistics, charts, etc., are prepared when requested or required by other city divisions, municipalities or fire-related organizations.

Members of this unit have attended meetings and conferences with the Newark Housing and Urban Development, City Planning, Corporation Counsel, New Jersey Department of Transportation, Civil Defense, Fire Insurance Rating organizations and other government and private agencies.

Other duties and activities are performed as called for by the Director and Fire Chief.

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Annual Report
of the Activities of the
WATER OFFICER
submitted by Batt. Chief Edward M. Wall
for the year 1970

This officer assumed the duties of Water Officer as of June 1970. During this period, responded to multi-alarm fires during normal working hours or whenever requested by the Fire Chief. Attended weekly meetings with the Newark Water Department regarding water supply problems and made various recommendations. This office assisted in the program to install protective caps on hydrants in problem areas of the City. At present, there are 225 such devices installed with a target of 500 by summer 1971.

As a result of experience with the present Protecto Caps, and in conjunction with New York City Fire Officers, we have recommended to the Water Department an improved cap and wrench. The Water Department has accepted these recommendations and at present are awaiting the delivery of the new type wrench and cap. When these devices arrive from the manufacturer, the installation will begin.

Requests for the repair of 1401 hydrants have been processed through this office.

This office has also assisted the Civil Defense Chief in areas regarding water supply and has conducted several meetings with the Civil Defense Officer. The Water Officer has conducted planning meetings and classes with the Training Officer on both recruit and in-service training programs.

Along with Battalion Chief Kossup of the Training Division, this officer has been given responsibility for establishing a Fire Cadet Program. In this connection, we have attended various meetings with City, County and State Officers, also with Rutgers University, Jersey City State College and Seton Hall University personnel. We have visited other departments in the area and out of state in order to develop the curriculum to be presented in this program.

This officer has performed various other duties as requested by the Fire Chief and Fire Director.

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MEDICAL DIVISION

Annual Report submitted by
Edwin L. Ciccone, M.D.
Fire Department Surgeon
for the year 1970

As Chief Fire Surgeon, I performed my duties according to the Rules and Regulations of the Fire Department, and at all times fulfilled the requirements of my position.

Throughout the year, I gave prompt attention to all reported illnesses and injuries of my fellow co-workers within my jurisdiction.

I granted sick leaves to members as warranted. Regular additional visits and examinations were made to the sick and injured members until they were, in my opinion, physically able to return to their respective duties.

I attended all multiple alarm fires and other fires where medical services were needed.

Inspections of firehouses were made periodically to check sanitary conditions.

Weekly reports were submitted to the Director and the Fire Chief, listing the names of the members of the Department who were on sick leave.

In addition, special reports were submitted when required, as follows:

Number of house visits -----	610
Fires attended-----	103
Men injured in line of duty ---	450
Conferences-----	55
Men examined, re-examined and appointed-----	90
Hospital visits-----	960
Number of re-visits-----	656
Telephone calls-----	3,220
Visits to firehouses-----	47

I wish to extend my most sincere thanks to all the Officers and Members of the Newark Fire Department for the courtesy and cooperation rendered to me and to Dr. Carl E. Maffeo, Assistant Department Surgeon, during the past year.

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Annual Report
of the Activities of the
Catholic Chaplain
The Right Rev. Msgr. Philip T. McCabe
for the year 1970

I attended all multiple alarms of fire in the City of Newark, and administered the Sacraments of the Roman Catholic Church when necessary.

I visited hospitals where firemen were known to be patients.

I conducted the blessings at funerals or attended Mass of our deceased members, whether active or retired; also, I officiated at funerals of relatives of firemen when requested to do so.

Conducted the Annual Communion Breakfast and Memorial Mass for the men of the Department, in St. Patrick's Pro-Cathedral, the second Sunday in May, 1970.

Participated in the Holy Name Federation Holy Hour held in the Sacred Heart Cathedral.

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Annual Report
of the activities of the
Protestant Chaplain
Rev. Clarence Bleakney
for the year 1970

I was present at more than 35 multiple alarms.

Attended at the swearing-in ceremonies of new firemen,
and offered prayers.

Visited every hospitalized fireman.

Was present at all Fire Department functions and
dinners held during the year.

The Memorial Committee sponsored a Christmas Dinner
Party held on December 2, at which over 200 persons were
present.

I take this opportunity of thanking all the Firemen
for the many kindnesses and courtesies extended to me.

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Annual Report
of the Activities of the
Jewish Chaplain
Rabbi Horace L. Zemel
for the year 1970

I wish to report that during the year 1970, to the best of my ability, as Chaplain of the Fire Department I have answered fire calls when summoned, participated in public functions, attended the sick and the dying, and in general, lent myself in full capacity as clergyman over all those to whom I minister in whatever contingency my services were required.

In submitting this report, I take this opportunity of letting you know that I am cognizant of the many courtesies extended to me for which I am deeply grateful.

May I wish you and the entire Fire Department a year marked by Peace in the World, Order in our Government, Health in the Home, and Success in every endeavor.

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BELL AND SIREN CLUB, INC.

Annual Report
for the year 1970

Following are the total responses and services rendered by our organization during the year 1970:

Bell and Siren responded to the following Newark calls:

Second Alarms - - -	55	
Third Alarms - - -	14	
Fourth Alarms - - -	4	
Special Calls - - -	<u>12</u>	
		Total 85

Bell and Siren responded to the following out-of-town calls:

General Alarms - -	6	
(East Orange -	5)	
(South Orange -	1)	
Second Alarms - -	3	
(East Orange 3)	-	
Special calls -	1	
(Linden - 1)	<u> </u>	
		Total 10

Parades	2	
(East Orange -	1)	
(Irvington -	1)	
	<u> </u>	

Total	<u>2</u>
	97

Total number of calls responded to in 1970:

On December 6, 1970, the Club received a request for our services at the explosion area of the Humble Oil and Refining Company at Linden, New Jersey, although when we arrived, our Unit was not permitted to enter the fire area for obvious reasons.

Also, during the year, our Unit and members paid visits to the Headquarters of the Bloomfield, East Orange, South Orange and Union Fire Headquarters.

Our dispatcher called 24 men for special calls, and a total of 1302 men responded to all fires, parades, rig inspections, etc.

Items Served During 1970

Coffee	8506 Cups	Cigarettes	370
Bouillon	1369 Cups	Doughnuts	55 dozen
Tea	81 Cups	Cookies	44 dozen
Water	258 Cups	Buns	25 dozen
Hot Chocolate	48 Cups	Bagels	2 dozen
Orange Drink	4230 Cups	Cake	12
Fresh Milk	1 Gallon	First Aid	19
Sandwiches	250		

We should like to thank all officers and men for their assistance during the past year.

CIVIL DEFENSE
Auxiliary Fire Reserve
Annual Report for the year 1970
submitted by Batt.Chief Joseph A.Zoppi

This officer was assigned to the Newark Civil Defense Control Center as Coordinator of the Auxiliary Fire Services.

As Coordinator, I attended regular monthly Technical Operations Committee meetings, the bi-monthly drills at the Control Center, and the state-wide drill, the 30-hour course on Civil Defense Planning and Operations which was held at County Headquarters in Livingston, and which was conducted by Rutgers University.

Prepared a manual on "Standard Emergency Operating Procedures" for the Newark Fire Department, and submitted same to the Fire Director and the Fire Chief for approval.

During the year 1970, the Auxiliary Fire Services made 3816 visits to various fire houses and spent 22,073 hours in quarters, answered 8059 alarms of fire, and spent a total of 3508 hours at these fires.

At present, there are 111 men on the roster; these include a Chief, an Assistant Chief, 8 Deputy Chiefs, 2 Honorary Deputy Chiefs, 6 Battalion Chiefs, 21 Captains and 72 Firemen.

During the year 1970, three former Auxiliary Firemen became members of the Newark Fire Department, one became a dispatcher at Newark Fire Alarm Division, and an Auxiliary Captain joined the New York City Fire Patrol.

There were three promotions during the year: one to Deputy Chief and two to Captain.

During the year, 18 new men were added to the Auxiliary Service, two men were dismissed, two were reactivated, and six resigned (three of the latter have joined the Newark Fire Department).

On several occasions throughout the year, Civil Defense films were lent to the Fire Training Academy for use in training regular firemen.

Arrangements were made through the Director of Civil Defense to obtain Training Kits for a Medical Self-Help Program that was conducted at the Fire Training Academy for members of the Fire Department.

Supplies and equipment were received at Control Center Headquarters and added to the inventory.

New men were issued equipment, and worn or damaged items were replaced where necessary.

Records were kept of each man's activity.

At each meeting, training and activity reports were submitted to the Technical Operations Committee, the Defense Council, and the Deputy Director of Newark Civil Defense